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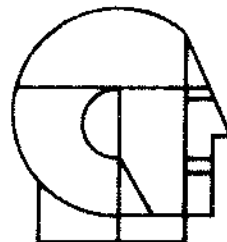
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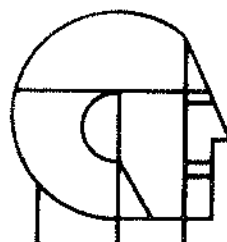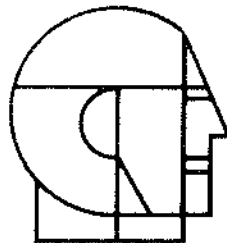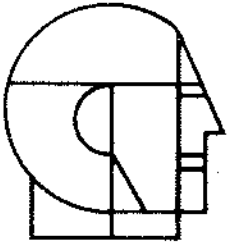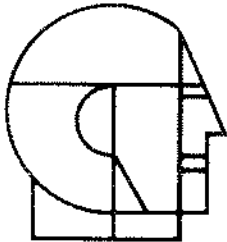Access   Cheques/POs/official orders or Access/Visa number and
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ARCHWAY 2 lets YOU unleash the huge program power of RISC OS and the ARM easily and quickly. Build powerful, multi-window applications with pop-up menus, icons, mouse control, etc. of professional quality.

Programs created with **Archway 2** are fully RISC OS multi-tasking, appear on the icon bar and can be in line with Acorn's guidelines.

If you are a little familiar with BBC BASIC then you can create applications using **Archway 2**. We have optimised the facilities to let you achieve powerful results with a minimum of programming.

ARCHWAY 2

"Archway is one of the most impressive and best value for money products that I have yet seen for the Archimedes. Anyone who wishes to write RISC applications in BASIC 5 would have to be quite insane NOT to enlist the aid of this remarkable package."

- A&B Computing, February 1990

ARCHWAY 2 provides a total environment for creating RISC OS applications in BASIC. It includes **tools**, **shell** programs with extensive **run-time** code, comprehensive **examples** and tutorials, and a **library** of functions and procedures.

ARCHWAY 2

"You get an excellent piece of software which will make the mountain of programming needed to operate the WIMP environment into a molehill."

- Archive, July 1989

There are **tools** to make menus, windows, icons, mouse pointers, present a wide range of graphics and text in frames, create a simple database and much more.

The **tools** are themselves ARCHWARE applications so they share the intuitive RISC OS user interface. They have been designed to work closely together and with Edit, Paint and the Basic Editor. All are fully multi-tasking so you can run several at the same time (memory permitting).

ARCHWAY 2

"...you can create a complex WIMP environment very quickly..."
"...I have had no end of use out of this easy-to-use package..."

Archive, July 1989

ARCHWAY **shells** are ready to run RISC OS applications in line with Acorn's guidelines. Shells include **run-time** code to handle automatically windows, menus, icons, file handling, graphics, etc. so that you don't need detailed knowledge of these complex areas.

You create a complete application by extending and fine tuning a shell. You add menus and windows using the tools, and write functions and procedures to carry out the tasks of your program.

---

* **EditFile** displays a text file as the background of a window.
* **FilmFile** displays an Ace Computing film file as the background of a window with a range of manipulations and display options.
* **Frames** shows a window with Draw and Edit files in frames together with buttons. The frames can dragged round the window with the text reformatted as the frame size alters.
* **Frames2** has further graphics in frames within a window. Two channels of background animation can be active together.
* **PaintFile** puts a Paint file as the background of a window. It can be scaled.
* **Sprite** shows how to redraw a window very quickly by drawing it into a sprite. This also allows graphics code that is screen mode dependent to be displayed in any mode.
* **Texture** repeats copies of a sprite as window background to give a patterned affect.
* **ThreeDee** puts a Euclid 3-D file in a window with extensive manipulations.
* **Fonts1** shows how to use character sets and anti-aliased fonts in windows and menus.
* **FuncKeys** illustrates how to set-up function key short cuts.
* **MousePntr** shows how to give windows different mouse pointers and use a pop-up magnifier window to control the size of an item in a window.
* **ToolsWind** shows the power of windows that act as toolboxes.
* **ViewWind1** shows how to use line and fill patterns in window graphics.
* **DataPad1** is a simple name and address database with mailmerge.
* **EditorA1** is a utility to set-up the serial port.
* **EditorA2** is an extensive utility to set-up the CMOS RAM configurations.
* **EditorB1** is a simple school report database for a single class.

Obtaining ARCHWAY 2

The complete **ARCHWAY 2** package comes on 4 unprotected 800k discs with a ring bound user guide. You need an Archimedes or A3000 computer with 1Mbyte or more of RAM and fitted with RISC OS. One disc drive is sufficient.

The price for a single copy is £86.91 excluding VAT but including post and packing. That is £99.95 **including VAT at 15%**. Overseas customers may deduct the UK VAT where appropriate. Please add £5.00 for postage within Europe or world-wide surface mail, and £20.00 for airmail outside Europe.

For primary and secondary schools a site licence is included at NO extra cost.

Once you have purchased a copy of ARCHWAY 2 and returned the user registration card you are licensed to distribute copies of the run-time as part of complete applications created with ARCHWAY 2. There is no further charge but you must acknowledge use of ARCHWAY. You must not supply details of how the run-time works or distribute copies of any ARCHWAY 2 tools.

Please contact us for further details of inspection copies and site licences.

Future Safe Upgrade

ARCHWAY 2 is subject to ongoing development and improvement. Further releases are planned for the future with low cost upgrades for registered users. Refer to our FUTURE SAFE policy when ordering ARCHWAY 2 from us and we will send a voucher entitling you to TWO FREE UPGRADES. One disc only upgrade and one disc + updated user guide upgrade. There is no charge but you must have returned your user registration card and send your master discs with the voucher when you require an upgrade. We make no guarantee about the availability of upgrades except that we will supply the current version if more recent than the one you return. Otherwise, we will hold your request pending a further release.

The internal run-time code pops-up the right menu, in the right place at the right time when the program user clicks the mouse MENU button. Before popping up the menu your application is informed to see if it wants to modify the menu. The user run-time code has functions to tick, untick, shade, unshade, change the text of a menu item or its colour, etc. You just have to specify the menu's name and the item number you want to alter. If you wish you can cause a different menu to be popped up instead.

The internal run-time code also decodes and acts on the user's next step. If he clicks on a menu item linked to an action then it calls a function in your application with the same name (but with an underline character added). You have to include such a function and write its contents to carry out the action. When the function returns the run-time will close the menu or redisplay it depending on whether the user clicked SELECT or ADJUST.

The run-time is divided into units. Each unit provides a set of related capabilities. A unit may consist only of code or there may be menus, windows, etc. as well. You can decide which units to include in your application and which to leave out. The shells do this automatically.

Units supplied with ARCHWAY 2 release 2.00 are,

* **Kernel** is part of every application.
* **DataPad_d** provides database facilities.
* **Editor_e** provides facilities for single and multiple item editors.
* **Files_f** provides RISC OS file handling.
* **Graphics_g** provides graphics display and manipulation facilities. It handles Edit, Paint, Draw, Euclid 3-D and film files as window backgrounds and in frames. It also provides windows and frames redrawn by BASIC functions, fast redraw by writing into a sprite, animation by drawing into a sprite and textured backgrounds created by repeating a sprite pattern.
* **Sound_s** provides facilities to playback Maestro files. Users can set tempo, channel volumes, instruments and stereo position.

ARCHWARE Examples

To help you get started there is a series of more than 50 program building sessions starting from the level of a complete beginner. The sessions with supporting examples are all fully explained in the user guide. The example applications are all on disc and ready to run. They are,

* **HelloWrld** the classic minimum application.
* **AlertWind** displays a message with two items of variable text and one or two response buttons in a window.
* **DisplWind** shows how you could display a set of multiple choice questions.
* **DlogWind** illustrates a simple invoice generating program with automatic time and date, VAT calculation and automatic totalling.
* **FormWind** shows data entry of a name and address.
* **Icons1** introduces the various types of icon used in windows.
* **Icons2** shows more advanced icon handling.
* **InputWind** shows the simplest window for a single item of user input with a prompt and one or two response buttons.
* **Menus1** introduces the principles of menu handling.
* **Menus2** shows more advanced menus.
* **MenuWind** has a simple expression evaluating calculator as a pop-up window.
* **Music** shows how to play Maestro files in the background.
* **ScrlWind** shows how to drag sprites round a scrolling window.
* **Animate** displays balls in a window with background animation.
* **Basic** displays a window whose contents are created by a BASIC function.
* **DrawFile** has a Draw file as window background. It can be scaled, moved and rotated.

Who needs ARCHWAY ?

Anyone who wishes to write a WIMP program for an Archimedes family computer using BASIC **MUST** have ARCHWAY.

Beginners should not feel inhibited. You will be amazed at the powerful and exciting things you can do with only a minimum knowledge of BASIC. For example, you won't need programming skills to create a shell that will load onto the icon bar and run. Displaying graphics from Paint, Draw, Edit, Euclid 3-D and film files requires virtually no programming. To add buttons that trigger actions you will need to know something of BASIC functions.

You can work through more than 30 fully running examples supplied with the ARCHWAY package, at your own pace, developing your knowledge of BASIC while staying within the familiar windowed environment. Assist your progress by copying parts of examples into your own shell and getting them to run correctly.

Perhaps you are an enthusiast who has struggled with the complexities of the Programmer's Reference Manual and concluded that building meaningful programs using windows is beyond you. With ARCHWAY you will regain your confidence.

Or, you may be a teacher with a selection of proven programs that you would like to transfer to RISC OS. ARCHWAY 2 will let you enhance them with windows, pop-up menus and the mouse. So they become easier and more fun to use.

On the other hand you may have a specialist and extensive task in mind. Without doubt ARCHWAY 2 can save you many hours of programming time if you aim to use the WIMP. It may well mean the difference between using the modern multi-tasking, windowed approach or an outdated technique that will be much less acceptable to your users.

We believe that even well experienced professional programmers will find they can build applications more easily and in less time with the help of ARCHWAY. The ARCHWAY tools provide an extensive resource of advanced techniques for the knowledgeable browser.

Why use ARCHWAY ?

Work carried out at the Xerox Research Centre during the 1970's conclusively showed that a properly designed user interface can make a program much easier to use. The term WIMP has become firmly established and graphical user interfaces are now rapidly becoming the norm (the 'W' stands for Windows, 'I' for Icons, 'M' for Menus and 'P' for Pointer). RISC OS is an outstanding example of such an interface.

The down side is that a graphical user interface is more difficult to program and requires more code so that even a 'short' program can become a major undertaking if the right tools and support aren't available.

This is where ARCHWAY comes in. It provides you with an extensive family of tools and standard code to help you write WIMP based programs for Archimedes family computers easily and quickly. You can concentrate on your application while ARCHWAY takes care of the user interface and much more besides.

One example included with the package is a comprehensive configure utility. It has some 200 menu items and 110K of code (including the run-time). With a little tidying up and thorough testing it would be of commercial quality. One person wrote it in two days without needing to know anything in detail about windowing, menu handling, RISC OS file loading and saving conventions, message passing, etc. We are not suggesting that you will necessarily be able to match that but how long would it take without ARCHWAY?

ARCHWAY Tools

The ARCHWAY tools are all true ARCHWARE applications (except for BasicEdit).

* **BasicEdit** helps you edit a BASIC file using the Basic Editor or Edit. With Edit the BASIC file is converted to a text file form and edited in a multi-tasking window.

* **ArchTools** provides a main menu to access the other tools from one point and lets you create a new application shell with a single RISC OS save operation.

* **MenuEdit** will be one of the tools you use most. Create menus for your application with it - much easier than trying to program them. Menu items can connect to submenus or to pop-up windows, or act as buttons to trigger an action when a user clicks on them.

* **WindList** defines the windows in your application including size, colours, scroll action, menu, pointer, workspace, graphic background, editor attributes, etc. Default values are automatically set so you only concern yourself with items you want to alter.

* **WindEdit** creates window contents. This is another one of the tools you will use a lot. You can include passive icons for displaying fixed and variable text or simple rectangular graphics, button icons for the user to trigger an action, writeable field icons to accept user input and frame icons to hold graphics or larger blocks of text.

* **FrameEdit** gives you more extensive control over frame graphics. You can scale, clip, rotate, hot-link, etc. them without altering the original graphic.

* **DpadEdit** creates a DataPad database from a window with writeable fields. Data records are kept in B+ trees with indexed access.

You will use the following tools less but they are vital for certain purposes.

* **ArchMerge** updates an application by merging files from a later version.

* **CharSet** creates customised character sets.

* **Choices** edits the Choices file of an ARCHWARE application. The Choices file can store user options and other data from one run of the program to the next.

* **CodeList** creates a resource that ARCHWARE applications can automatically handle from a set of ARM code files.

* **Convert12** helps to update applications created with an earlier release to run under ARCHWAY 2.

* **FillPatn** creates customised fill patterns.

* **FontList** defines the anti-aliased fonts that an application may use.

* **IconClass** is used to give a name to a set of icon characteristics for easy reference. A default set covering most needs is kept in the Gallery.

* **KeyEdit** sets up the function keys or redefines keys as short cuts for menu options.

* **LinePatn** creates customised line patterns.

* **PtrList** lets you include customised mouse pointers in ARCHWARE applications.

* **ResMaker** converts a set of files into a resource that ARCHWARE applications can load automatically.

* **VstrEdit** creates validation strings for writeable fields. Validation strings control the characters a user can type into the field. A default set covering many needs is kept in the Gallery.

* **WindClass** is used to give a name to a set of window characteristics for easy reference. A default set covering most needs is kept in the Gallery.

ARCHWAY Shells

RISC OS applications consist of a set of files in an application directory. There are files called !Run, !Sprites, !RunImage and maybe !Boot, Sprites, Choices and ReadMe as well. Often there will be others too.

Creating these files manually with the right contents to give a runnable program can be daunting especially for beginners. With ARCHWAY all necessary files are automatically generated with sensible default contents when you create a new **application shell**.

Creating a new shell could not be simpler. You load the tool **ArchTools**. Choose the **Create application** menu item, decide which type of shell to make (from a small range), enter its name and do a drag save to a Filer window. Some seconds later you will have a complete working application shell.

You can run your new application immediately. It will load and appear on the icon bar. It has an icon bar menu with **Info** and **Quit** items just like any other RISC OS application. The menu title shows the application's name. You can pop-up the Info window to see that the application's name and creation date are already set-up. Click SELECT on the icon bar icon to open a dummy main window with a dummy menu. Choose **Quit** on the icon bar menu to closedown.

ARCHWAY 2 release 2.00 includes six different shells,

* **Shell** is a general purpose shell.
* **GrafShell** for applications involving graphics display.
* **EditorA** for editor applications with one item in a file (like Edit).
* **EditorB** for editor applications with many items in a file (like Paint).
* **DataPad** for applications requiring database facilities.
* **Custom** for advanced users wanting to use a customised shell.

The main work of building a complete ARCHWARE application from a shell is to,

* Build its **menus** using the **MenuEdit** tool.
* Build its **windows** with the **WindowList** and **WindowEdit** tools.
* Extend its **!RunImage** file with BASIC functions to handle the required actions.

ARCHWAY Run-time

A considerable body of code as well as windows, menus, etc is required to provide the facilities offered by the shells. This is not included in each individual shell but kept in a separate application called **ArchSys**. Each shell includes lines of code to install the appropriate facilities from ArchSys when it is run. The general name we use for these facilities is the **Run-time**.

The run-time is probably the most vital part of the whole ARCHWAY system. It is certainly the fastest growing, ARCHWAY 2 run-time code being about 10 times the size of that in the original ARCHWAY release. We expect the growth to continue in future releases.

Broadly speaking there are two types of code in the run-time. Firstly, internal code for handling menus, windows, etc to hide the complexities of the RISC OS WIMP manager. Normally you will not be greatly concerned with it. Advanced programmers can over-ride it if required.

Secondly, many user functions and procedures are provided to cater for common situations. Many are introduced in the examples and all are detailed in the technical reference.

An example may clarify how the tools, the run-time and your application interact. Take menu handling. You create menus with the MenuEdit tool. You give each menu a name for easy identification. You link each menu item by name to a submenu, a pop-up window or an action.

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ABBREVIATIONS

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Apr	Apricote	Dat	Data Store	Pana	Panasonic
Arm	Armadillo	Dig	Digital Services	Pand	Pandora
Arn	Arnor	Emr	FMR	Pil	David Pilling
Arx	Arxe	Gra	Graphics Factory	Ser	Serial Port
Ato	Atomwide	Hum	Human-Computer	Sil	Silicon Vision
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View»Mac 3	Hum	£65
– Arc/Mac Cable		£24
Wimp Game	4th	£15
Wordpower (Archimedes)		
	ICS	£36
– site licence (extra)		£100
Words and Pictures	Cha	£17
World Geography Maps *D*		
	MicS	£24
World Wildlife *P*	MicS	£16
1st Word Plus	Aco	£68

PRINTERS

ArcLaser	Cal	£906
Bubble Jet BJ-10e	Can	£276
– Sheet feeder		£54
Bubble Jet BJ-300	Can	£455
Bubble Jet BJ-330	Can	£535
KX-P1123	Pana	£199
KX-P1124	Pana	£226
– 32k ram for KX-P1123 / 4		£20
KX-P1624	Pana	£369
Laser Direct Qume	CC	£856
Laser Direct LBP-4 Card	CC	£309
Laser Direct LBP-8 8 ppm		
600 dpi including toner	CC	£1340
LBP-4 4 ppm	Can	£750
LC24-10 32k ram card	Sta	£61
Swift 24 Colour	Cit	£279
Rebuilt Canon Toner cartridge		£45
Archimedes parallel printer cable		£8

FUNCTION KEY STRIP ORGANISER

Arckey	ICS	ᵛᵒ £3
– quantity of 4		ᵛᵒ £10

MEMORY, ARM3 ETC

Fitting extra unless stated
† Fitting is straightforward
‡ Fitting requires expertise

A3000 2Mb †	Ife	£69
A3000 4Mb †	Ife	£243
A310 2Mb ‡	Ife	£215
– as above including fitting		£259
A310 4Mb †	Ife	£POA
– as above including fitting		£POA
8Mb A400/1 / A440 / R140		
	Ato	£699
ARM3		£400
4-slot 4-layer Backplane	Ife	£57

ODDULES

AnDi	Bai	£49
Oddule Adaptor	Bai	£8
(needed with your first Oddule unless you have an I²C socket)		

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idea

HARD DISC PRODUCTS
☆ LOWER PRICES!
☆ NEW ADDITIONS!

The number at the end of a product name is the capacity in megabytes. An L indicates a 1 inch high disc; two of these may be fitted in the same cradle or external case, sharing the same controller card. An S indicates a 2½ inch wide disc mounted directly on the controller card.

Our 'upgrades' are fully guaranteed and include the ideA controller card, a fan (where needed), and everything else you will require. A backplane is optional on the A310, but if you do use one it must be a four-layer type.

A300/400/500 series internal upgrade

IDEARCIN20S	23ms	☆	£475
IDEARCIN40	28ms	☆	£289
IDEARCIN40L	25ms	☆	£329
IDEARCIN80L	19ms		£449
IDEARCIN120L	19ms	☆	£599
IDEARCIN700	15ms	☆	£879

A300/400/500 series external upgrade
(May also be fitted to A3000 external expansion slot using a podule case or racking system)

IDEARCFX40	28ms		£429
IDEARCFX40L	25ms	☆	£475
IDEARCFX80L	19ms		£595
IDEARCFX120L	19ms	☆	£735
IDEARCFX200	15ms		£1035

A3000 fully internal upgrade

IDEA3IN20	23ms	☆	£375
IDEA3IN40 (ready May?)	☆		£POA
IDEA3IN60 (ready June?)	☆		£POA
Fitting if required			£25

A3000 external upgrade
(External drive using internal expansion slot; can combine with PRES Disc Buffer Board)

IDEA3EX40 etc		
– prices as IDEARCEX40 etc + £10		
Fitting if required		£25

Additional hard discs

IDEA40L	40Mb	25ms ☆	£209
IDEA80L	80Mb	19ms	£329
IDEA120L	120Mb	19ms ☆	£475

A3000 accessories

IC PLINTH	**SPECIAL!**	☆	£18

ideA controller cards and accessories
(For use with your own IDE hard discs; we can only accept responsibility for performance with discs we have tested ourselves)

IDEARCIN Archimedes Intern		£110
IDEARCEX Archimedes Extern		£140
IDEA3EX A3000 External		£140
Internal hard disc cradle kit		£15
Fan kit (Standard)		£10
Case with power supply & fan		£125
Fan kit (A3000 Internal)		£15

Recommended for backing up
Beebug Hard Disc Companion   £35

Recommended for ease of use
ICS Task & Window Organiser   £19

ICS FONTS

1st Word Plus **First Fonts**
PipeDream **PipeDrivers**
Wordpower **Power Fonts**

Please ask for details of our range of Symbol Sets and Typefaces for most printers. For example:

Star LC-10 typefaces
Black, Caldy, Outline, Pensby, Raby, Shadow, Universal   £19

PipeDriver Dot 1
For dot matrix printers with more features than PipeDream knows what to do with - provides access to resident and download fonts, ink colours, variable print size and line spacing etc   £10

KEYBOARD COVERS

Seal 'n Type (spill-proof)

– Archimedes	Kad	£14
– A3000	Kad	£14

SCANNERS

i Scan	Irl	£587
Scan Light A4	CC	£341
– as above + Sheet Feeder		£432
Scan-Light Junior	CC	£175
– A3000 version (internal)		£175

From our postbag

❝
We were most satisfied with the work you did in upgrading the A310. The hard disc has worked satisfactorily. The speed of service you gave in doing the work was appreciated. If you ever want someone to put in a word of commendation we have no objection.
❞

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Removable SCSI Drives

The prices of the MR45 and the Atomwide removable SCSI drives *have dropped even further!* We've been able to take a further £30 off the prices bringing them down to £765 with an Oak SCSI podule and £565 without (or £745 with a Lingenuity podule) and the spare cartridges are now down to £75 each.

Monthly Program Disc

We are going to try, from now on, to get the monthly program disc ready in time to put information about it onto the Price List, so here it is...

Draw 1½: sample files

Hints: txt C library + off-screen templates & virtual screen application.

Multi-media Column: !Sound application

Matters Arising: C to Impression utility

RISC-OS Applications part 1: !Ultimate – example application.

EXTRA: Demonstration of the PEP Associates Speech System

(I said we'd try to find a PD virus killer to put on the monthly program disc – we are so efficient that we already put one on last month's program disc!)

A400/1 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1290 (and get a £100 software voucher with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £210, £320 or £400 for 20M, 40M or 47M respectively. (If you would prefer a SCSI drive, give us a ring and we'll arrange something.)

So a 440/1 equivalent would cost £1290 + 3 * £50 + £400 = £1840.

If you buy an Acorn 14" standard resolution monitor at the same time add £210, if you want an Eizo 9060SZ add £460 or for a Taxan 795 add £560.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

May Sales

We still have one or two items we want to clear from our stock list....

Hardware

- A300/400 80M internal SCSI drive (full speed, not Worra Winnie) (1 only) – £650 (was £720)

Software

Wordwise Plus (ARM code version) – £25 (was £31)
U.I.M. – £14 (was £28)
Olympics – £9 (was £19)

Charity Sales

In addition to the bits on page 3 of the magazine, we also have:
- Genesis 1 – £40 (upgrade to Genesis 2, from Oak Solutions, is £52.13 +VAT = £61.25)

Bulletin Board Password

A540 Special Prices?

I have decided that I might as well come clean about the A540's that I mentioned in the inside front cover. I have had A540's on order for ages and they have been coming through, one at a time, VERY slowly. The trouble is that all of a sudden, three came through and they are all sitting in stock. I really cannot afford to be holding £10,000 worth of computers in stock so I need to sell them fairly soon. If you want a 540 (but not on invoice, sorry! – well, 7-day invoice, maybe) give us a ring and we'll see what we can arrange.

Archive Members' Price List – May 1991

(All prices include VAT and UK carriage)

(Numbers in brackets refer to issues of Archive magazine.)
(• means either 'new product' or 'new price')

Shareware Discs Nº 0 to 26 & 30 to 39 – £3 each
Any 10 Shareware discs – £27
Careware Discs Nº 1 to 12 – £6 each
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3 ....
Program Discs 1.7, 1.8, 1.9 etc – £3 each............(3.8.2)
Volume 1 to 3 program discs (31) – £65
Volume 3 program discs (12) – £28
Volume 4 program discs advance booking (12) – £33
Archive back issues – £2 each.....................................
Binder volume 1, 2, 3 or 4 – £5 each ....(1.7.3)
Binders 1 to 4 – £17 for four
3.5" Discs, top quality – 10 for £13, 50 for £60 ....
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover – £10
Annual Service Kit (2 batteries + fan filter) – £3 ....

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule. Subtract £100 if you want a drive without a podule.

A300/400 SCSI hard disc podule – £230
New software for SCSI podules – £12 ....(4.7.9)
WorraWinnie SCSI Drives for 300/400............(4.7.9)
  20M internal drive + podule – £350
  45M internal drive + podule – £450
  80M internal drive + podule – £650
  100M internal drive + podule – £860
  200M internal drive + podule – £1270
  20M external drive + podule – £400
  45M external drive + podule – £500
  80M external drive + podule – £700
  100M external drive + podule – £910
  200M external drive + podule – £1320
High Speed SCSI Drives for 300/400 ....(4.7.9)
  40M internal drive + podule – £530
  80M internal drive + podule – £740
  100M internal drive + podule – £1040
  200M internal drive + podule – £1550
  40M external drive + podule – £740
  80M external drive + podule – £940
  100M external drive + podule – £1250
  200M external drive + podule – £1760
Oak ELITE SCSI Drives for 300/400 ....(4.7.9)
  40M external drive + podule – £880
  80M external drive + podule – £1240
  100M external drive + podule – £1450
  200M external drive + podule – £1820
  300M external drive + podule – £2470
  640M external drive + podule – £3080

A3000 WorraWinnie external drives

20M external drive + podule – £400 ....(4.3.15)
45M external drive + podule – £500 ....(4.4.2)
80M external drive + podule – £700 ....(4.4.2)
100M external drive + podule – £910
200M external drive + podule – £1320

A3000 SCSI hard disc podule – £230

Atomwide Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)

External 42M (20ms) (w/o podule) – £565 ....(4.7.12)
External 42M +Oak A300/400 podule – £765
External 42M +Oak A3000 ext podule – £765
External 42M +Lingenuity A3000 int podule – £745
Extra 42M cartridges – £75

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)

External 42M (20ms) (w/o podule) – £565 ....(4.1.47)
External 42M +Oak A300/400 podule – £765
External 42M +Oak A3000 ext podule – £765
External 42M +Lingenuity A3000 int podule – £745
Extra 42M cartridges – £75

Atomwide SCSI Hard Drives (<17 ms)

(Prices include cables – specify podule type)

Internal 48M (w/o podule) – £330 ....(4.7.10)
External 48M (w/o podule) – £420 ....
Internal 48M (Oak podule) – £530 ....
External 48M (Oak podule) – £620...........................
External 48M (Oak A3000 ext podule) – £620 ....
External 48M (Lingenuity A3000 int podule) – £600....
Internal 100M (w/o podule) – £540 ....(4.7.10)
External 100M (w/o podule) – £640 ....
Internal 100M (Oak podule) – £740 ....
External 100M (Oak podule) – £840 ....
External 100M (Oak A3000 ext podule) – £840...........
External 100M (Lingenuity A3000 int podule) – £820

ZCL SCSI Hard Drives (<17 ms)

(Prices include cables – specify podule type)

Internal 48M (w/o podule) – £330 ....(4.7.10)
External 48M (w/o podule) – £420 ....
Internal 48M (Oak podule) – £530 ....
External 48M (Oak podule) – £620...........................
External 48M (Oak A3000 ext podule) – £620 ....
External 48M (Lingenuity A3000 int podule) – £600....

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series – £220
Internal 40M (28ms) drive for A400 series – £340
Internal 47M (28ms) drive for A400 series – £420

Xpress Bulk Disc Copier
50-disc copier, software & leads – £2750 (4.2.2, 4.4.2)

A400 / 500 Computers & Upgrades
A410 – £1290 (inc £100 Archive voucher) ....
A420 Learning Curve – £1520 (+ £100 voucher) ....
A440 equivalent – £1840 (+ £100 voucher) ....
A540 – £3520 (+ £200 voucher) ....
4M Ram card for A540 – £540
Ram for A410 – £60 per Mb (+ £10 if fitting req'd) ....
Single RAM chips (in case you damage one!) – £8
ARM3 – 24MHz (Aleph One) – £470 ....(4.1.13)
ARM3 – 25MHz (CJE Micros) – £400 ....(4.1.3)
Fan Speed Controller – £21 ....(4.5.2)
Econet module – £53 ....(4.5.3)
Replacement keyboard for 400/1 – £123 ....
Replacement 3.5" drive for 400/1 – £72 ....(3.5.3)

A3000 Computers & Upgrades
A3000 computer – £695 (inc £50 free s/ware) ....
A3000 Learning Curve – £817 ....
A3000 Jet Set Pack – £725 ....(4.1.4)
1 Mb A3000 upgrade (Morley) – £82 ....(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £245 ....(3.3.3/3.6.2)
1 Mb A3000 upgrade (Atomwide) – £82 ....(3.10.2)
3 Mb A3000 upgrade (Atomwide) – £280 ....(3.10.2)
A3000 Econet Module – £53 ....
A3000 Serial upgrade – £21 ....
A3000 User Port & Midi – £53 ....
Midi upgrade software – £10 ....(3.6.2)
A3000 User & Analogue Ports (Morley) – £74 (3.6.2)
A3000 Ext 3.5" drive for A3000 – £138 ....(3.6.2)
SCSI podule for A3000 (Lingenuity) – £170 ....
SCSI podule for A3000 (Oak) – £230...................

Monitors & Accessories
Acorn (Philips) monitor – £255 ....
Philips CM8833 14" monitor – £285 ....(2.9.2)
Eizo 9060SZ 14" multi-sync – £530..................(3.7.2)
Taxan 795 14" Trinitron m-sync – £600 ....(4.1.6 + 21)
Eizo 9070SZ 16" multi-sync – £900 ....(3.10.2)
Microvitec 20" multi-sync – £1450...................
VIDC Enhancer – £36 ....(3.10.21)
A3000 Monitor stand – £34...................
Long monitor lead with sound (SCART) – £16 (3.12.2)
TV modulators (RGB –> UHF) – £56 ....

A310 / A440 Upgrades
Replacement Mouse – £56 ....(3.5.3)
Replacement Mouse cable (Digitec) – £11 ....
Replacement Mouse cable (Logitech) – £13 ....
Replacement 3.5" drive for 310 – £102 ....(3.5.3)
Second internal 3.5" drive – £125 ....
Replacement keyboard for 310/1 – £123 ....
MEMC1a upgrade for 310/440 – £76 ....(3.2.3)
ARM3 – 24MHz (Aleph One) – £470 ....(4.1.13)
ARM3 – 25MHz (CJE Micros) – £400 ....(4.1.3)

Econet module – £53 ....
Acorn 2-slot backplane (inc fan) – £43 ....
I.F.E.L. 4-layer 4-slot backplane (inc fan) – £67 ....

Podules & External add-ons
5.25" drive interface (CJ Micros) – £36 ....
5.25" drive interface (Digital Svcs) – £39 ....(4.1.2)
ROM Podule – £54 ....(1.7.44)
  with battery backup – £64 ....
  32k RAM chips – £16 ....
Atomwide prototyping boards ....(4.4.46)
  Bare board with V1.3 ROM – £33 ....
  Fully built with ROM – £44...................
  Fully built with RAM – £50 ....
  APEC utilities disc – £5 ....
Colour Digitiser Hawk V9 – £368 ....(3.7.13)
Ethernet Card – £276 ....(4.1.2)
Floating Point Co-Processor – £580 ....(4.2.43)
I/O Podule – £90 ....(1.7.38)
New software for I/O Podule – £12 ....(3.6.2)
Joystick (Voltmace) – £26 ....
Joystick/switch – £19 ....(4.1.4)
Midi podule – £76 ....(3.2.26)
Midi podule upgrade software – £16 ....(3.6.2)
Marconi Trackerball – £56 ....
ScanLight Plus (A4) – £434 ....(2.12.49)
Sheet feeder for Scanlight Plus – £107 ....
ScanLight Plus Junior – £209 ....
ScanLight Plus Junior A3000 – £209 ....
SCSI podule for A300/A400 (Acorn) – £276 ....
SCSI podule for A300/A400 (Lingenuity) – £189 ....
SCSI podule for A300/A400 (Oak) – £225 ....

Connectors & Cables
Keyboard extension cable – £8 ....
Modem connecting lead – £12 ....
Printer cable (Centronics) – £10 ....
SCSI cable IDC to Amphenol – £16 ....(4.7.12)
SCSI cable D-type to Amphenol – £16 ....(4.7.12)
SCSI cable Amphenol to Amphenol – £16...........(4.7.12)
SCSI cable IDC to IDC – £16...................(4.7.12)

Printers & Accessories
Panasonic KXP1081 9-pin printer – £158 ....
Panasonic KXP1124 24-pin printer – £281...................
32k buffer chip for KXP1124 – £16 ....
Cut-sheet feeder for KXP1124 – £128 ....(3.10.3)
Ribbons for KXP1124 – £11 each ....(3.10.3)
Centronics Printer cable – £10 ....
Laser Direct 300 dpi – £1100 (3.9.3 + 3.10.3 + 3.12.6)
Laser Direct 600 dpi (LBP8) – £1595 ....(4.1.2)
Canon LBP4 – £970 ....(4.1.2)
LD interface for LBP4 – £380 ....(4.1.2)
ArcLaser – £1065 ....(3.11.3 + 3.12.6)
Qume toner set – £77 ....(4.1.4)
Qume drum set – £97 ....(4.1.4)
Toner cartridge for LBP4/8 – £82 ....

BASIC V Dabhand Guide – £9 ....(2.9.2)
C Dabhand Guide – £14 ....(2.1.28)
C Guide Disc – £9 ....
DTP Seeds – £8 ....(4.5.3)
Guide to Acorn DTP (inc. disc) – £18 ....(3.4.55)
Operating System Book – £14 ....(2.6.45)
Operating System Disc – £9 ....(2.6.45)
RISC-OS Prog Ref Manual – £75 ....(3.1.53)
Z88 Dabhand Guide – £14 ....(3.9.57)

Games
Adventure Lang Prog System (ALPS) – £33 ....(3.3.50)
Alerion – £15 ....(2.1.45)
Alien Invasion – £15...................(3.12.20)
All-in Boxing – £15 ....(3.1.4)
Apocalypse – £29 ....(3.10.42)
Arcade 3 Compilation – £14 ....(3.1.44)
Arcade Soccer – £19 ....(3.10.35)
Arcendium – £15 ....(2.5.2)
Arc Trivia – £24 ....(2.7.52)
ArcPinball – £24 ....(4.5.2)
Ballarena – £19 ....(4.4.20)
Blowpipe – £20...................(4.5.2)
Bug Hunter/MoonDash – £18 ....(3.10.26)
Bug Hunter in Space – £18...................(4.4.52)
Caverns – £18 ....(3.5.2)
Cheat it again, Archie – £11 ....(2.7.55)
Chocks Away 2 – £24...................(4.4.40)
Cops (Adventure) – £19 ....(3.7.48)
Crisis – £28 ....(4.3.2)
Drop Ship – £19 ....(4.4.52)
Enthar-7 – £27 ....(2.1.44)
E-Type – £19 ....(3.2.49)
E-Type Designer – £17...................(3.3.2)
E-Type Extra 100 miles – £17 ....(3.3.2)
Family Favourites – £19 ....(3.8.59)
Fireball II – £24 ....(3.5.41)
Fireball II + Fish + Pon (MiniPack5) – £28 ....(3.5.41)
Freddy's Folly – £15 ....(2.1.45)
Herewith the Clues! – £24 ....(3.11.57)
Holed Out – £19 ....(2.9.38)
Holed Out Extra Coures 1 – £17...................(2.10.5)
Holed Out Extra Coures 2 – £17...................(2.10.5)
Holed Out Designer – £19 ....(3.9.60)
Hostages – £20 ....(4.4.16)
Hoverbod – £15 ....(1.10.47)
Ibix the Viking – £19 ....(3.1.45)

Inertia – £19 ....(3.12.43)
Interdictor 2 – £33 ....(4.2.17)
Iron Lord – £19...................(4.5.3)
Jet Fighter – £15 ....(2.3.2)
Last Days of Doom/Hezarin – £20 ....(3.7.3)
Maddingly Hall – £15 ....(3.8.3)
Mad Professor Mariarti – £19 ....(4.5.3)
Mah Jong Patience – £19 ....(4.3.3)
Man at Arms – £20 ....(3.11.58)
Memory Magic – £16 ....(3.11.3)
MicroDrive – £19 ....(3.11.3)
MicroDrive Extra Courses – £15 ....(4.3.3)
MiniPack5 – Fireball II + Fish + Pon – £28 ....(3.5.41)
Minotaur – £15 ....(1.3.34)
Missile Control – £15 ....(1.10.47)
Nevryon – £19 ....(4.1.53)
Olympics – £20 ....(3.9.58)
Orion – £15 ....(2.1.45)
PipeMania – £24 ....(4.4.7)
Plague Planet – £15 ....(2.10.48)
Powerband – £24 ....(4.7.24)
Pysanki – £19 ....(4.4.52)
Quazer – £11 ....(1.10.47)
Redshift – £18...................(3.12.3)
Repton 3 – £19 ....(2.3.2)
Return to Doom – £20 ....(4.7.27)
Rotor – £24 ....(3.7.3)
Square Route – £19 ....(4.5.4)
Star Trader – £17 ....(2.5.31)
Superior Golf – £19 ....(3.12.19)
Talisman – £15 ....(4.3.50)
The WIMP Game – £19 ....(4.3.42)
Thundermonk – £15 ....(2.5.3)
Trivial Pursuit – £28 ....(3.6.41)
Twinworld – £19...................(4.7.50)
U.I.M. – £29 ....(3.7.21)
WordUpWordDown – £17 ....(2.5.31)
Worldscape – £20 ....(4.5.4)
Zarch – £19 ....(1.2.33)

Z88
Z88 Computer – £235 ....
128k RAM pack – £50 ....
128k EPROM pack – £50 ....
EPROM eraser – £40 ....
Archimedes link – £36 ....
Carrying case – £10...................
Mains Adaptor – £10 ....

A310 Our A310 series RAM upgrades consist of two multilayer circuit boards and allow the expansion of the A310's memory to either 2 MB or 4 MB of memory. With the extra RAM, it's possible to use !Draw, !Paint and !Edit together, and still have space left over for DTP and other memory-intensive applications.

The RAM chips are situated underneath the podule area, away from the disc drives, so there is no risk of overheating. Use of all four podule slots is maintained by compact board design.

Both boards are of four-layer design, ensuring that any cross-interference is elliminated. Large ROM sockets are used to ensure future compatibility. Boards can be upgraded from 2 to 4Mb by adding more RAM chips. MEMC1a upgrades (AKA22 - £79.35) are included free with each board.

ARM3 ATOMWIDE can supply the Aleph One ARM3 upgrade to fit A310, A440 and A400/1 Archimedes computers. The Aleph One ARM3 upgrade replaces the existing processor in your Archimedes with the next generation of processors from Acorn.

It is 100% Acorn compatible and needs no soldering, though it still must be fitted by an Acorn approved Component Level Service Center. Atomwide is qualified to fit the Aleph One ARM3 upgrade and will either fit the card on the spot if you bring your machine (ring to make an appointment) or will collect and return your machine for free.

If you have an A310 or an A440 it will need to be fitted with a MEMC1a upgrade before the ARM3 can be fitted. This is available from Atomwide or any Acorn dealer and also must be fitted by a Component Level Service Center.

The exact speed improvement depends on the task in hand but in general, the upgrade gives a 3 to 4 fold improvement on most applications. The speed increase will be greater in some cases.

VIDC The VIDC Enhancer is a simple hardware/software upgrade which allows any Acorn Archimedes (or A3000) to produce even higher resolution screens than it could before. This means greater detail on your computer aided design, bigger page views on your desktop publishing and more work area in the desktop.

The VIDC Enhancer is supplied with a variety of new modes of superior resolution specifically written to drive the popular range of Taxan and Eizo monitors. Also included is a RISC OS application to provide complete control through the desktop environment. The world of high performance monitors is opened up to give Super VGA resolution and beyond. The new desktop mode gives nearly 4 times the work area with the same level of detail.

The VIDC Enhancer may be used in conjunction with user generated mode extension modules so a programmer can tailor new modes to suit his or her own particular needs or drive unusual monitors. In addition, it may be used to allow high scan rate monitors to display screen modes normally reserved for slower monitors - thus modes 0 though 17 may be used on standard VGA monitors.

APEC The Archimedes Prototyping Expansion Card (APEC) consists of a high-quality PCB which occupies a single-width expansion slot and offers a large area of prototyping 'square pad' complete with space for a pre-decoded backplane interface. It allows small to medium sized electronics to be constructed quickly and simply using any of the common wiring techniques (e.g. wire-wrap). By taking advantage of the APEC's on-board expansion interface zero design time is required to produce 8-bit memory-mapped and/or interrupt-driven (IRQ and FIQ) hardware interfaces. Approximately 55% of the APEC is devoted to a 0.1" pitch grid of square solder pads. This area will accept IC sockets and passive components for interconnection using any of the popular prototype wiring techniques. The square pad area extends up to

the edge of the APEC to allow connectors to be mounted on the Archimedes back panel. The area next to the 64 way backplane connector is tracked out to accept a buffered 8-bit bi-directional expansion interface to Acorn specifications. Any amount of this interface may be populated according to needs. Its functions are summarized below.

Interface

full data, address and control signal buffering
expansion selection and bus control de-multiplexing
four pre-decoded read strobes
four pre-decoded write strobes

Software support

28 pin RAM/ROM socket for interface control software
memory mapped paging register to expand address space
manual device selection from 2K to 64K bytes
manual Write enable selection for RAM devices

Interrupt control

IRQ and FIQ latches to Acorn specification
Interrupt status flagging using switching technique

Customers in the U.K. who purchase ATOMWIDE 8Meg, A310 RAM or Aleph One ARM3 upgrades can have these fitted for free by ATOMWIDE. ATOMWIDE will arrange for the Archimedes to be couriered to Orpington and back free of charge when the upgrade is purchased. This way you can rest assured that the upgrade will be fitted by experts and your machine will be out of action for the minimum amount of time.

A T O M W I D E

23 The Greenway Orpington Kent BR5 2AY
Tel 0689 838852 Fax 0689 896088

The Atomwide A3000 RAM upgrade lets you overcome the 2MByte barrier on your Acorn BBC A3000. High powered Desk Top Publishing and database systems can be run with a number of documents open at the same time. Furthermore, more memory can speed up printing from most RISC OS applications.

The unique design allows either 2 or 4 Mbytes of memory simply by changing the memory chips. If you do not need 4MB at the moment you can buy the 2MB card and trade in the chips when you want to expand. Eight RAM chips are used regardless of whether 2 or 4Mb are fitted. This means that the load on the computer is kept to the minimum so there is no chance of overheating as can happen with other, more complicated, memory expansions.
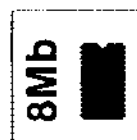
The Atomwide 8MB upgrade is fully hardware compatible with other Acorn equipment. It is also compatible with other upgrades, including the Aleph One ARM3. RiscOS users on all 400-series models will appreciate the effects of larger font caches and increased space for DTP applications and printing.

R140 owners will find that with more RAM, RISCiX won't need to "page" memory to and from disc as often. The resulting performance increase is considerable. This tackles the major criticism that has been levelled against the R140 as a competitive workstation.

Software developers can set up a RAM disc with room for all the required compilers, linkers, header files and libraries and still be able to run the compiler in a task window from the desktop. The Atomwide 8MB Upgrade is available direct from Atomwide or from any good Acorn dealer. It must be fitted by an Acorn approved component level service center (such as Atomwide itself) in order to preserve the Acorn warranty. It is suitable for A440, upgraded A400/1 & R140 computers.

Ian Copestake Software

RETAIL PRICE LIST
11th January 1991

ARC9, 10 Frost drive, WIRRAL, Merseyside, England, L61 4XL   Tel/Fax: 051-648 6287   Internet: +44 51 648 6287

VAT   UK customers please add 15% to the total price, except for the zero-rated items marked VO.

Carriage Free in mainland UK if you pay on ordering.

Overseas   Add £6 (Europe) or £12 (elsewhere) for each software item, and pay by credit card or pounds sterling bank draft payable in England (add £10 + 1% of total price if you can only pay in your own currency).

Credit cards are welcome. The name and address for delivery of goods must be as known to the credit card company. If you are leaving an order on our answering machine include your telephone number (home will do), the expiry date of your card, and your calculation of the total payment due.

Official orders welcome. Payment due in 14 days. Invoices subject to carriage and late payment charges.

Site licences   Please enquire if no price is shown.

All products, prices and specifications are offered in good faith and are subject to change without notice. Your order will receive our attention immediately, but suppliers sometimes keep us waiting.

Goods are guaranteed but we do not supply them on approval.

KEY TO MAKERS

Ace	Ace	Cit	Citizen	Mit	Mitre
		Cla	Clares	Min	Minerva
Aco	Acorn	Col	Colton	Oak	Oak
Ale	Aleph One	CW	Computerware	Pana	Panasonic
Apr	Apricote	Dab	Dabs	Pand	Pandora
Arm	Armadillo	Dat	Data Store	Ser	Serial Port
Arn	Arnor	Dig	Digital Services	Sha	Sharp
Arx	Arxe	Emr	EMR	Sil	Silicon Vision
Aut	Autodesk	Eps	Epson	Sim	Simtron
Bee	Beebug	ICS	Ian Copestake	Sta	Star
Cal	Calligraph	Ife	IFEL	Tax	Taxan
Can	Canon	Irl	Irlam	Tec	TechSoft
CC	Computer Concepts	Kad	Kador	4ma	4Mation
Cir	Circle	Lin	Lingenuity	4th	Fourth Dimension
		Lon	Longman Logotron		

Craftshop 2	4ma	£28	Inspiration	Pand	EPOA	
– network version		£34	Interdictor	Cla	£27	
DataVision	Sil	£113	Investigator 2	Ser	£23	
Designer Intro	Tec	£75	ISO C Devt System	Bee	£77	
Desktop Enhancer	Mit	£26	Jiglet	4ma	£26	
Desktop Office	Min	£96	Jigsaw	4ma	£28	
Desktop Publisher	Aco	£110	Knowledge Organiser	Cla	£47	
Disc Tree	Mit	£37	Logo	Lon	£55	
DrawBender	ICS	£10	M:sMatch	ICS	£10	
– DrawBender + Fonts		£12	Mogul	Ace	£17	
– site licence		£50	MultiFS	Arx	£27	
Easiword	Min	£31	Multistore	Min	£197	
Equasor	CC	£44	– site licence (total, 30 computers)			
Euclid 2	Ace	£54			£1250	
Expression-PS	CC	£20	Numerator	Lon	£69	
Film-Maker	Sil	£75	Office Tools	Sil	£278	
Financial Accountant	Sil	£204	Ovation	Bee	£79	
First Fonts – see separate panel			Payroll	Min	£129	
FlexiFile	Min	£113	Pendown	Lon	£50	
Flying Start II	Mit	£86	Personal Accounts (vrsn 2)	Apr	£23	
FontFX	Dat	£8	PipeDream 3	Col	£118	
– site licence (total)		£60	PipeDrivers – see separate panel			
Font Pack	Aco		Poster	4ma	£79	
– Newhall		£41	Power Fonts – see separate panel			
– Starter		£41	Premier	Cir	£71	
– Symbol		£41	– DataBase	Cir	£25	
Font Pack	Bee		– WordProc	Cir	£25	
– 1 (already included with Ovation):			Presentation System	Sil	£61	
Paladin, Swiss B, SymbolB, Vogue			Presenter Story	Lin	£149	
		£43	Presenter II	Lin	£36	
– 2: Bookman, Chancery, Courier,			Printer Drivers, RISC OS	Ace		
Garamond		EPOA	– Epson / Star / Citizen colour		£13	
– 3: Dingbats, New Century			Pro Artisan	Cla	£74	
Schoolbook, Optima, Times		EPOA	Professional PDT CAD	Oak	£353	
Font Pack	CC		Protext	Arn	£117	
– Avant Garde		£29	Realtime Solids Modeller	Sil	£139	
– Bookman		£29	Render Bender	Cla	£58	
– Pembroke		£29	Rhapsody	Cla	£35	
Fourier Analysis	Arm	£60	RiscBASIC Compiler	Sil	£113	
Gammaplot	Min	£52	RiscForth Compiler	Sil	£113	
Gate Array Design/Teaching			RISC OS Companion Vol 1	Oak	£49	
	Sil	£113	RoboLogo	Sil	£75	
Genesis II	Oak	£113	Schema	Cla	£96	
– education price		£99	School Administrator	Min	£69	
GerberPlot	Sil	£92	Score PMS	Emr	£499	
Hard Disc Companion	Bee	£35	ShareHolder	Sil	£139	
Hearsay	Bee	£51	ShowPage	CC	£135	
Hotlink Presenter	Lin	£43	Sigma Sheet	Min	£53	
Impression 2	CC	£135	Snippet	4ma	£26	
– network version		£650	SolidCAD	Sil	£113	
– site licence		£545	SolidsRender	Sil	£113	
– extra hardware key		£15	SolidTools	Sil	£279	
– extra manual		£8	Splice	Ace	£25	
Impression Junior	CC	£74	Squirrel	Dig	£109	
– site licence		£435	– Econet version		£459	
– extra manual		£7	– site licence		£475	

BBC / MASTER / ELECTRON SOFTWARE

BBC Basic Editor and Toolkit		
– rom module	ICS	£19
– rom in cartridge	ICS	£25
Powerfont NTQ	ICS	£13
Power Fonts	ICS	
– see separate panel		
Spellmaster rom	CC	£52
Wordpower	ICS	£36
– site licence (extra)		£100
– extra rom		£7
– extra manual		VO £7

ARCHIMEDES SOFTWARE

If it's not on the list, ask for a quote. We always try to match the best prices.

Accounts	Min	£243
ANSI C Release 3	Aco	£125
Archway	Sim	EPOA
ArcLight	Ace	£40
ARC-PCB	Sil	£139
– Professional	Sil	£277
Armadeus	Cla	£59
Artisan II	Cla	£44
Artisan Gallery	Cla	£16
Atelier	Min	£67
Autosketch CAD	Aut	£69
Basic Compiler	Dab	£77
Chocks Away	4th	£21
Craftshop 1	4ma	£28
– network version		£34

Studio 24 Plus	Emr	£149
Super-Dump	Sil	£24
Super-Plot	Sil	£32
System Delta Plus II	Min	£54
Tempest	Cla	£97
Timewatch	Mit	£26
Toolkit Plus	Cla	£37
Tween	Ace	£25
TWO (Task and Window Organiser)	ICS	£19
– site licence		£60
Utility Disc 1	Dat	£13
Wordpower (Archimedes)	ICS	£36
– site licence (extra)		£100
1st Word Plus	Aco	£64

FACSIMILE MACHINE

FO-2100 (full-feature, Mercury-compatible)	Sha	£799
– 12-month warranty		£59

PRINTERS

ArcLaser	Cal	£904
Bubble Jet BJ-10e	Can	£276
– Sheet feeder		£54
Bubble Jet BJ-300	Can	EPOA
Bubble Jet BJ-330	Can	EPOA
GQ-5000 (12-month on-site maintenance)	Eps	£879
KX-P1123	Pana	£199
KX-P1124	Pana	£226
– 32k ram for KX P1123 / 4		£20
KX-P1624	Pana	£369
KX-P4420 8ppm	Pana	£792
KX-P4450i	Pana	£1275
– 1Mbyte upgrade		£299
Laser Direct Qume	CC	£856
Laser Direct LBP-4 Card	CC	£321
Laser Direct LBP-8 8 ppm 600 dpi including toner	CC	£1299
LBP-4 4 ppm	Can	£750
LC24-10 32k ram card	Sta	£61
Swift 24 Colour	Cit	£279
Archimedes parallel printer cable		£8

MONITOR

Multivision 795	Tax	£479

SCANNERS

i-Scan	Irl	£587
Scan-Light A4	CC	£369
– as above + Sheet Feeder		£460
Scan-Light Junior	CC	£175
– A3000 version (internal)		£175

UPGRADES

Fitting extra unless otherwise stated
† Fitting requires expertise

A3000 2Mb	Ato	£69
A3000 2Mb	Ife	£69
A3000 4Mb	Ato	£239
A3000 4Mb	Ife	£243
A310 2Mb †	Ife	£215
– as above including fitting		£259
A310 4Mb †	Ife	£299
– as above including fitting		£345
8Mb A400/1 / A440 / R140	Ato	£699
ARM3	Ale	£400

FUNCTION KEY STRIP ORGANISER

Arckey	ICS	VO £3
– quantity of 4		VO £10

KEYBOARD COVERS

Seal 'n Type (spill-proof)		
– Archimedes	Kad	£14
– A3000	Kad	£14

idea

HARD DISC UPGRADES AND ACCESSORIES

A number at the end of a product name is the capacity in megabytes. 'Upgrades' include the hard disc and *ideA* controller as well as a fan and other items where needed. A backplane is optional on the A310, but if you do use one it must be a four-layer type.

A300/400 series internal upgrade

IDEARCIN40	28ms	£349
IDEARCIN80	19ms	£499
IDEARCIN135	28ms	£699
IDEARCIN200	15ms	£899

A300/400 series external upgrade

IDEARCEX40	28ms	£POA
IDEARCEX80	19ms	£POA
IDEARCEX135	28ms	£POA
IDEARCEX200	15ms	£POA

A3000 internal upgrade including collection and fitting

IDEA3IN20	23ms	£499

A3000 external upgrade
Ready soon

A3000 accessories

IC HOUSE		£POA
IC PLINTH		£21

ideA accessories
4-slot 4-layer Backplane (see above note)   Ife   £57

ideA controller card
(We can only accept responsibility for performance with hard discs we have tested ourselves)

IDEARC		£110

ICS FONTS

1st Word Plus **First Fonts**
PipeDream **PipeDrivers**
Wordpower **Power Fonts**

Please tell us which of the above you need and specify your printer make and model. A more detailed list of fonts is available.

Site licence   £50
For multiple use of First Fonts or PipeDrivers. (Power Fonts are covered by a Wordpower site licence).

Symbol sets
e.g. Chemistry, Czech, ICS1 (Forms Design), ICS2 (IBM characters), Latin 1 (includes French, German, Italian, Spanish), Latin 2, Latin 3 (includes Esperanto), Latin 4, Mathematics & Physics, Russian

– for dot matrix	£19
– for laser	£29

24-pin & HP laser typefaces
Bodmin, Neston, Old English, Personal, Royden, Shadow and Initials, Universal 8pt, Universal 10pt, Universal 12pt, Weimar Fraktur

– 24-pin: any 3 faces	£29
– laser: any 3 weights	£29

Star LC-10 typefaces
Black, Caldy, Outline, Pensby, Raby, Shadow, Universal

– any 4	£19
– all 7	£29
PipeDriver Dot 1	£10
Powerfont NTQ	£13

Provides near letter quality on ordinary 9-pin printers. Required for some Power Fonts.

E&OE SO36 91JA12

Graphics & Clipart

History (Costume) Graphics Pack – £18 ....(4.2.3)
Maps of the World – £28 ....(3.7.3)
Pre-Historic Animals – £18 ....(4.2.3)
Tools – £18 ....(4.4.3)
World Wildlife Pack – £18 ....(4.2.3)

Art / Drawing etc Packages

ArcImEd – £23 ....(1.12.42)
ArcLight – £46 ....(4.4.19)
ArcPCB – £160 ....(2.1.2)
ArcPCB Professional – £320 ....(3.1.4)
Artisan 2 – £55 ....(3.5.53)
Artisan 2 upgrade (return Artisan disc) – £28 ...(3.5.53)
Art Nouveau – £42.50 ....(2.6.17)
Atelier – £85 ....(2.12.46)
AutoSketch – £79 ....(1.7.3)
Drawing Board – £54 ....(2.5.33)
Euclid – £60 ....(3.1.50)
Film Maker – £90 ....(2.6.3)
GammaPlot – £46 ....(1.12.19)
GraphBox – £69 ....(2.8.4)
Inter-Chart ROM – £27 ....(1.1.20)
Inter-Chart disc – £20 ....(1.1.20)
Mogul (for Euclid) – £20 ....(3.1.50)
Poster (with fonts) - £93 ....(3.11.13)
Presenter II – £42 ....(1.11.46 + 3.3.23)
Presenter II with Hotlinks – £49 ....(3.10.3)
Presentation System – £46 ....(2.7.20)
Pro-Artisan – £85 ....(2.3.19)
Realtime Solids Modeller – £160 ....(2.10.46)
Render Bender – £69 ....(2.9.23)
Snippet – £30 ....(3.11.4)
Solid CAD – £130 ....(2.5.3)
Solids Render – £130 ....(4.1.5)
Solid Tools – £320 ....(4.1.5)
Splice – £25 ....(3.12.38)
Super-Dump – £28 ....(4.1.5)
Super-Plot – £37 ....(4.1.5)
Tween – £25 ....(3.12.38)
Worra-CAD – £80 (initial offer price) ....(3.11.4)

Sound (Hardware & Software)

Acorn Midi podule – £74 ....(3.2.26)
Armadeus – £70 ....(2.9.17)
Armadeus sampler podule – £140 ....(2.9.17)
Rhapsody – £46 ....(4.2.19 + 4.3.29)
Supersound Creations – £17 ....(4.3.4)

Communications

Acom – £28 ....(4.3.40)
Arc-Comm – £31 ....(4.3.40)
Hearsay – £59 ....(1.12.22)
WS3000 V22bis modem – £310 ....(2.8.5)
Amstrad SM2400 modem – £210 ....(2.8.5)
Modem connecting lead – £12 ....

Utilities

ArcDFS – £28 ....(3.11.55 & 3.12.30 & 4.1.48)
• ArcMonitor – £23 ....(4.4.2)
IS Utilities (inc Pro-Copier) – £16 ....(4.3.2)
Colour dump – Canon – £25 ....
Colour dump – Integrex – £25 ....
Colour dump – LC10 – £25 ....(3.3.28 + 3.9.59)
DataStore Utilities Disc – £15 ....(3.2.32)
DiscTree – £44 ....(2.8.24)
FontFX – £10 ....(3.9.37)
Grey dumps (9-pin tone dump) – £13 ....(2.6.47)
Instigator – £45 ....(2.10.5)
Outline Font Starter Pack – £47 ....(3.5.3)
Outline Fonts "Newhall" – £47 ....(3.5.3)
PC Emulator – £95 ....(1.5.24)
RISC-OS upgrade – £36 ....(2.7.20)
RISC-OS Companion – £50 ....(2.12.51)
Software Developer's Toolbox – £175 ....(2.3.2)
TCP/IP Protocol Suite – £195 ....(4.2.3)
TCP/IP Protocol Suite Site Licence – £995 ....(4.2.3)
TCP/IP Programmers Pack – £48 ....(4.2.3)
Timewatch – £28 ....(3.2.28)
Toolkit Plus – £42 ....(2.2.32)
WIMP Template Editor – £8 ....(2.5.29)
Worra Plotter – £27 ....(3.3.3)

Integrated Software

Desktop Office – £120 ....(4.1.40 + 4.2.55)
Home Accounts – £46 ....(2.10.29)
Logistix – £99 ....(1.9.31 + 1.10.4)
Minerva Business Accounts – £350 ....(4.1.3)
Minerva Nominal Ledger – £90 ....(4.1.3)
Minerva Ordering/Invoicing – £90 ....(4.1.3)
Minerva Purchase Ledger – £90 ....(4.1.3)
Minerva Sales Ledger – £90 ....(4.1.3)
Minerva Stock Management – £90 ....(4.1.3)
Office Tools – £320 ....(4.1.4)
Personal Accounts (Apricote) – £27 ....(4.2.53)
PipeDream 3 – £145 ....(2.12.23)
PipeDream 3 upgrade (from 2 only) – £68 ....
PipeDream 3 upgrade (from 2 + SpellCheck) – £37 .....
PipeDream Extended Dictionary – £7 ....(3.2.28)
ShareHolder – £130 ....(4.1.5)
The Account Book (Apricote) – £32 ....(4.2.53)
The Invoice Program (Apricote) – £32 ....(4.2.53)

Spreadsheets & Databases

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Ancestry – £69 ....(2.8.43)
Arcscan III Database – £17 ....
DataVision – £130 ....(4.1.3)
Financial Accountant – £245 ....(4.1.3)
Flexifile – £130 ....(4.1.3)
Inter-Sheet disc – £30 ....(1.1.20)
Inter-Sheet ROM – £42 ....(1.1.20)
Knowledge Organiser – £55 ....(3.9.54)

Archive Members' Price List – January 1991

(All prices include VAT and UK carriage)

(Numbers in brackets refer to issues of Archive magazine.)
(• means either "new product" or "new price")

Shareware Discs Nᵒ 0 to 26 & 30 to 38 – £3 each
Any 10 Shareware discs – £27
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Program Discs 1.7, 1.8, 1.9 etc – £3 each ....(3.8.2)
Volume 1 to 3 program discs (31) – £65
Volume 3 program discs (12) – £28
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Archive back issues – £2 each ....
Binder volume 1, 2, 3 or 4 – £5 each ....(1.7.3)
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3.5" Discs, top quality – 10 for £13, 50 for £60.............
Printer cable – £10 ....
Keyboard extension cable – £8 ....
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover - £9
Annual Service Kit (2 batteries + fan filter) – £3 ....

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule.
Subtract £100 if you want a drive without a podule.
Oak SCSI Drives for 300/400 .(2.11.2, 3.2.10, 3.4.15)
• New software for SCSI podules – £11
  SCSI hard disc podule – £220
  20M internal drive + SCSI pod – £400
  45M internal drive + SCSI pod – £525
  80M internal drive + SCSI pod – £720
  100M internal drive + SCSI pod – £935
  200M internal drive + SCSI pod – £1310
  20M external drive + SCSI pod – £560
  45M external drive + SCSI pod – £655
  80M external drive + SCSI pod – £890
  100M external drive + SCSI pod – £1130
  200M external drive + SCSI pod – £1490
Oak ELITE SCSI Drives for 300/400 ....(4.3.15)
  40M internal drive + SCSI pod – £640
  80M internal drive + SCSI pod – £1005
  100M internal drive + SCSI pod – £1190
  200M internal drive + SCSI pod – £1540
  40M external drive + SCSI pod – £850
  80M external drive + SCSI pod – £1190
  100M external drive + SCSI pod – £1390
  200M external drive + SCSI pod – £1750
  300M external drive + SCSI pod – £2390
  640M external drive + SCSI pod – £3010
Oak SCSI Tape streamers ....(3.4.3)
  60M SCSI Tape streamer – £1100
  150M SCSI Tape streamer – £1350
  1 Gb SCSI Tapestreamer – £2995 ....(3.7.2)
  60M Cartridges – £34 each
  150M Cartridges – £37 each
  1 Gb Cartridges – £45 each

A3000 external drives

  20M external drive + SCSI pod – £390 ....(4.3.15)
• 45M external drive + SCSI pod – £490 ....(4.4.2)
• 80M external drive + SCSI pod – £690 ....(4.4.2)
  100M external drive + SCSI pod – £1130
  200M external drive + SCSI pod – £1490
  330M external drive + SCSI pod – £2395
  512M external drive + SCSI pod – £2995
A3000 SCSI hard disc podule – £220

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)

External 42M (25ms) (w/o podule) – £650 ....(4.1.47)
External 42M +Oak A300/400 podule – £840
External 42M +Oak A3000 pod – £840
External 42M +Lingenuity A300/400 podule – £815
External 42M +Lingenuity A3000 podule – £795
Extra 42M cartridges – £80

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series – £210
Internal 40M (28ms) drive for A400 series – £330
Internal 47M (28ms) drive for A400 series – £410

Ian Copestake IDE Drives

Please ring for details ....(4.4.21)

Xpress Bulk Disc Copier

• 60-disc copier, software & leads – £2645(4.2.2, 4.4.2)

A400 / 500 Computers & Upgrades

A410 – £1260 (inc £100 Archive voucher)
A420 Learning Curve – £1490 (+ £100 voucher)..........
A440 equivalent – £1830 (+ £100 voucher) ....
A440 Learning Curve – £1900 (+ £100 voucher) ....
A540 – £3444 (+ £200 voucher) ....
4M Ram card for A540 – £530
Ram for A410 – £60 per Mb (+ £10 if fitting req'd) .....
Single Ram chips (in case you damage one!) – £8 ....
ARM3 – 24MHz (Aleph One) – £460 ....(4.1.13)
ARM3 – 30MHz (CJE Micros) – £440 ....(4.1.3)
ARM3 – 30MHz (CJE Micros) – £390 ....(4.1.3)
4 to 8M Upgrade (Atomwide) – £890 ....(3.11.25)
Econet module – £52..
Replacement 3.5" drive for 400/1 – £70 ....(3.5.3)

A3000 Computers & Upgrades

A3000 computer – £680 (inc £50 free s/ware) ....
A3000 Learning Curve – £800.......................................
A3000 Jet Set Pack – £710 ....(4.1.4)
1 Mb A3000 upgrade (Morley) – £80 ....(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £240 ......(3.3.3/3.6.2)
1 Mb A3000 upgrade (Atomwide) – £80 ....(3.10.2)
3 Mb A3000 upgrade (Atomwide) – £275 ....(3.10.2)
A3000 Econet Module – £52 ....
A3000 Serial upgrade – £20..
A3000 User Port & Midi – £52 ....

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A3000 User & Analogue Ports (Morley) – £72 ..(3.6.2)
A3000 Ext 3.5" drive for A3000 – £135 ....(3.6.2)
SCSI podule for A3000 (Lingenuity) – £165.................

Monitors & Accessories

Acorn (Philips) monitor – £250 ....
Philips CM8833 14" monitor – £280 ....(2.9.2)
Eizo 9060SZ 14" multi-sync – £520 ....(3.7.2)
Taxan 795 14" Trinitron m-sync – £590 ....(4.1.6 & 21)
Eizo 9070SZ 16" multi-sync – £880 ....(3.10.2)
Taxan 970 20" multi-sync – £1690 ....(4.1.6)
VIDC Enhancer – £35 ....(3.10.21)
A3000 Monitor stand – £33
Long monitor lead with sound – £15.................(3.12.2)
• TV adaptor – £35 ....(4.4.3)

A310 / A440 Upgrades

Replacement Mouse – £55 ....(3.5.3)
Replacement 3.5" drive for 310 – £100 ....(3.5.3)
Second internal 3.5" drive – £122 ....
MEMC1a upgrade for 310/440 – £74 ....(3.2.3)
ARM3 – 24MHz (Aleph One) – £460 ....(4.1.13)
ARM3 – 30MHz (CJE Micros) – £440 ....(4.1.3)
ARM3 – 30MHz (CJE Micros) – £390 ....(4.1.3)
Econet module – £52...
Acorn 2-slot backplane (inc fan) – £42 ....
I.F.E.L. 4-layer 4-slot backplane (inc fan) – £66 ....

Podules & External add-ons

5.25" drive interface (CJ Micros) – £35 ....
5.25" drive interface (Digital Svcs) – £38 ....(4.1.2)
ROM Podule – £53 ....(1.7.44)
   with battery backup – £63 ....
   32k RAM chips – £15 ....
Atomwide prototyping boards ....(4.4.46)
   Bare board with V1.3 ROM – £32 ....
   Fully built with ROM – £43 ....
   Fully built with RAM – £49 ....
• APEC utilities disc – £4.....................................
Colour Digitiser Hawk V9 – £360 ....(3.7.13)
Ethernet Card – £270 ....(4.1.2)
Floating Point Co-Processor – £570 ....(4.2.43)
I/O Podule – £88 ....(1.7.38)
New software for I/O Podule – £12 ....(3.6.2)
Joystick (Voltmace) – £25 ....
Joystick/Mouse switch – £18 ....(4.1.4)
Midi podule – £74 ....(3.2.26)
Midi podule upgrade software – £15................(3.6.2)
Marconi Trackerball – £55 ....
ScanLight Plus (A4) – £425 ....(2.12.49)
Sheet feeder for Scanlight Plus – £105 ....
ScanLight Plus Junior – £205 ....
ScanLight Plus Junior A3000 – £205 ....
SCSI podule for A300/A400 (Acorn) – £270 ....
SCSI podule for A300/A400 (Lingenuity) – £185.........

Printers & Accessories

Panasonic KXP1081 9 pin printer – £155 ....
Panasonic KXP1124 24-pin printer – £275 ....
32k buffer chip for KXP1124 – £15 ....
Cut-sheet feeder for KXP1124 – £125 ....(3.10.3)
Ribbons for KXP1124 – £11 each....................(3.10.3)
Centronics Printer cable – £10 ....
Laser Direct 300 dpi – £1080 (3.9.3 & 3.10.3 & 3.12.6)
Laser Direct 600 dpi (LBP8) – £1560 ....(4.1.2)
Canon LBP4 – £950 ....(4.1.2)
LD interface for LBP4 – £370.......................(4.1.2)
ArcLaser – £1040 ....(3.11.3 & 3.12.6)
Qume toner set – £75 ....(4.1.4)
Qume drum set – £95 ....(4.1.4)
Toner cartridge for LBP4/8 – £80 ....

Languages

ABC-2 BASIC Compiler – £89 ....(2.5.16)
ABC Dynamic Extensions – £45 ....(3.1.2)
Acorn Assembler – £195 ....(3.4.51)
Adventure Lang Prog System (ALPS) – £29 ....(3.3.50)
ANSI-C (Release 3) – £145 ....
Cambridge Pascal – £70 ....(3.4.27)
C Front End – £18 ....(3.4.49)
C Dabhand Guide – £14 ....(2.1.28)
C Guide Disc – £8 ....
Fortran 77 (Rel. 2) – £99 ....(1.7.26)
Iso-Pascal (Rel. 2) – £99 ....(1.9.24 + 1.11.14)
Lisp – £199 ....(1.12.14 + 2.3.37)
Logotron Logo – £64 ....(1.11.50)
Prolog System X – £179 ....(2.10.34)
Risc BASIC Compiler – £130 ....(2.9.32)
Risc Forth – £130 ....(2.2.23)
RoboLOGO – £90 ....(4.1.5)
Twin Editor – £29 ....
Wingpass Macro Assembler V2 – £47 ....(2.8.41)

Word-Processors & DTP

DTP from Acorn – £145....................................(2.12.41)
Easiword – £36 ....(3.9.2)
First Word Plus 2 – £82 ....(3.4.40)
First Word Plus Extended Dictionary – £7 ....(2.8.30)
First Fonts, Maths/Scientific – £20 ....(2.1.32)
Graphic Writer – £27 ....(1.6.12)
Impression 2 DTP – £175 ....(3.2.59)
Impression Junior – £89 ....(3.2.59)
Inter-Word ROM – £42 ....(1.1.20)
Inter-Word disc – £30 ....(1.1.20)
Keyword – £18 ....(3.3.32)
Ovation DTP – £105 ....(3.12.23)
Protext 5.0 – £135 ....(4.2.3)
SpellMaster ROM – £55 ....(1.10.34)
SpellMaster disc – £41 ....(1.10.34)
Tempest DTP – £120................................(3.10.50)
Wordwise Plus A (80 column) – £30 ....(3.5.5)
Wordwise Plus A (upgrade from BBC) – £10 ..(1.2.20)

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Quazer – £11 .... (1.10.47)
Redshift – £17 .... (3.12.3)
Repton 3 – £18 .... (2.3.2)
Return to Doom – £19 ....
Rotor – £23 .... (3.7.3)
Star Trader – £16 .... (2.5.31)
Superior Golf – £18 .... (3.12.19)
Talisman – £14 .... (4.3.50)
The WIMP Game – £18 .... (4.3.42)
Thundermonk – £14 .... (2.5.3)
Trivial Pursuit – £27 .... (3.6.41)
• Twinworld – £18 .... (4.4.3)
U.I.M. – £28 .... (3.7.21)
WordUpWordDown – £16 .... (2.5.31)
Zarch – £18 .... (1.2.33)

Z88

Z88 Computer – £230   Archimedes link – £35
128k ram pack – £49   Carrying case – £10
128k eprom pack – £49   Mains Adaptor – £10
Eprom eraser – £39

A400 series prices

We are able to make special deals on ram and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra ram fitted at £50 per Mbyte (no fitting charge) and a hard disc for £310 or £390 for 40M or 47M respectively.

So a **440/1** equivalent costs £1260 + 3 * £50 + £390 = **£1800.**

If you buy an Acorn 14" standard resolution monitor at the same time add £200, if you want an Eizo 9060SZ add £450 or for a Taxan 795 add £550.

(These special discounts also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

January Sales

In line with other retailing organisations, NCS is clearing some of the stocks at "knock-down" prices! *Stocks are limited so PLEASE either send separate cheques for each item or, better still, ring to find out if they are still available and we will put them on one side for you.*

PAL TV adaptors – £25 each
Taxan 795 (1 only) – £490
A300/400 external SCSI drives
45M (1 only) – £590 (was £655)
100M (1 only) – £1030 (was £1130)
200M (1 only) – £1350 (was £1490)

A300/400 internal SCSI drives
100M (1 only) – £855 (was £935) *
200M (1 only) – £1190 (was £1310) *

* Wrong prices stated in magazine.

A3000 SCSI drives (full speed, not Worra Winnies)
45M in bridge (1 only) – £595 (was £695)
80M (2 only) – £750 (was £890 cf WW price £690)

A310 4 M RAM upgrades (Protokote) – They were £600 but we are prepared to sell them for £490 on a user-fitting basis.
A410/1 (2 only) – £1100 (was £1260)
A3000 Learning Curve (2 only) – £700 (was £800)

Software

Presenter II (without HotLinks) – £35
ChromaText – £20 (was £42)
Holed Out – £13 (was £18)
Apocalypse – £23 (was £28)
U.I.M. – £19 (was £28)
Olympics – £13 (was £19)
Droom – £19 (was £25)
Desktop Stories – £28 (was £38)
Dust – £24 (was £32)
P.I.P.P. – £29 (was £37)

Bulletin Board Password

The password for the Archive bulletin board is "impression" – phone 0603–745932.

New RISC-OS Printer Drivers

Acorn has released some new, improved printer drivers for RISC-OS. These are available from SID, are included with Schema, Clares' new spreadsheet but are also available on this month's program disc at £3 to members

ARM3 Prices Down!!

CJE Micros have reduced the prices of their ARM3's again. We can now sell their 30MHz ARM3 for £440 (assuming they can get supplies of the faster chips) and their 25 MHz ARM3 for £390. At the moment, we have both in stock.

February may be late!

Archive is just about to go over to Impression, so the February magazine is likely to be delayed. Sorry!

Ballerena in stock now

The excellent new game reviewed in the magazine on page 20 is now in stock at £18.

More Charity Sale Stuff

Since the magazine went to the printers, some more items have become available for sale for charity:

20M SCSI drive, unused, no metalwork, cables or podule £100.

A310 keyboard, not working – £20

A310 disc drive, not working – £10

PrinterMaster Plus (IBM) – £10

More software for review...

Quest educational database, Revelation (Logotron's image based art package), Return to Doom (including Countdown to Doom + Philosopher's Quest).

Also available for review is a copy of "The Public Key" which is an excellent new magazine about public key cryptography on the Archimedes. It comes with a disc with the main operating program on it.

1 Mb A3000 upgrade (Atomwide) £80 ....(3.10.2)
1 Mb A3000 upgrade (Atomwide) £80 ....(3.10.2)
3 Mb A3000 upgrade (Atomwide) £275 ....(3.10.2)
A3000 Econet Module – £52 ......
A3000 Serial upgrade – £20......
A3000 User Port & Midi – £52 ......
A3000 User & Analogue Ports (Morley) £72 ..(3.6.2)
A3000 Ext 3.5" drive for A3000 £135 ......(3.6.2)
SCSI podule for A3000 (Lingenuity) – £165

Monitors & Accessories
Acorn (Philips) monitor – £250 ......
Philips CM8833 14" monitor – £280 ......(2.9.2)
Microvitec Cub 3000, 14" – £240 ......(2.9.2)
Eizo 9060SZ 14" multi-sync – £520 ......(3.7.2)
Taxan 795 14" Trinitron m-sync – £590 ....(4.1.6 & 21)
Eizo 9070SZ 16" multi sync £880 ......(3.10.2)
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A310 / A440 Upgrades
Replacement Mouse £55 ......(3.5.3)
Replacement 3.5" drive for 310 – £100......(3.5.3)
Second internal 3.5" drive – £122 ......
2M / 310 (Comp'ware) – £360 (inc fitting) ....(3.10.47)
4M / 310 (Comp'ware) – £540 (inc fitting) ....(3.10.47)
2M / 310 (Protokote) £410 (inc fitting) ......(3.10.47)
4M / 310 (Protokote) £600 (inc fitting) ......(3.10.47)
MEMC1a upgrade for 310/440 – £74 ......(3.2.3)
ARM3 30MHz (Aleph One) £460......(4.1.13)
ARM3 30MHz (CJE Micros) £465 ......(4.1.3)
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  Fully built with ROM £43 ......
  Fully built with RAM – £49 ......
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Joystick/Mouse switch – £18 ......(4.1.4)
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Midi podule upgrade software – £15 ......(3.6.2)
Marconi Trackerball £55 ......
ScanLight Plus (A4) £425 ......(2.12.49)

Sheet feeder for Scanlight Plus – £105 ......
ScanLight Plus Junior £205 ......
ScanLight Plus Junior A3000 £205 ......
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SCSI podule for A300/A400 (Lingenuity) – £185

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Centronics Printer cable – £10 ......
Laser Direct 300 dpi – £1080 (3.9.3 & 3.10.3 & 3.12.6)
Laser Direct 600 dpi (LBP8) – £1560 ......(4.1.2)
Canon LBP4 – £950 ......(4.1.2)
LD interface for LBP4 £370 ......(4.1.2)
ArcLaser £1040 ......(3.11.3 & 3.12.6)
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Qume drum set – £95 ......(4.1.4)
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Cambridge Pascal – £70 ......(3.4.27)
C Front End – £18 ......(3.4.49)
C Dabhand Guide £14 ......(2.1.28)
C Guide Disc £8 ......
Fortran 77 (Rel. 2) – £99 ......(1.7.26)
Iso Pascal (Rel. 2) – £99 ......(1.9.24 + 1.11.14)
Lisp £199 ......(1.12.14 + 2.3.37)
Logotron Logo – £64 ......(1.11.50)
Prolog System X – £179 ......(2.10.34)
Risc BASIC Compiler – £130 ......(2.9.32)
Risc Forth – £130 ......(2.2.23)
RoboLOGO £90 ......(4.1.5)
Twin Editor – £29 ......
Wingpass Macro Assembler V2 – £47 ......(2.8.41)

Word-Processors & DTP
DTP from Acorn – £145 ......(2.12.41)
Easiword – £36 ......(3.9.2)
First Word Plus 2 – £82 ......(3.4.40)
First Word Plus Extended Dictionary – £7 ......(2.8.30)
First Fonts, Maths/Scientific £20 ......(2.1.32)
Graphic Writer £27 ......(1.6.12)
Impression 2 DTP £175 ......(3.2.59)
Impression Junior £89 ......(3.2.59)
Inter-Word ROM £42 ......(1.1.20)
Inter-Word disc £30 ......(1.1.20)
Keyword – £18 ......(3.3.32)
Ovation DTP – £105 ......(3.12.23)
Protext 5.0 – £135 ......(4.2.3)

SpellMaster ROM – £55 ......(1.10.34)
SpellMaster disc – £41 ......(1.10.34)
Tempest DTP – £120 ......(3.10.50)
Wordwise Plus A (80 column) – £30 ......(3.5.5)
Wordwise Plus A (upgrade from BBC) £10 ..(1.2.20)

Graphics & Clipart
History (Costume) Graphics Pack – £18 ......(4.2.3)
Maps of the World – £28 ......(3.7.3)
Pre-Historic Animals – £18 ......(4.2.3)
World Wildlife Pack £18 ......(4.2.3)

Art / Drawing etc Packages
ArcImEd – £23 ......(1.12.42)
ArcLight £46 ......(4.1.3)
ArcPCB – £160 ......(2.1.2)
ArcPCB Professional – £320 ......(3.1.4)
Artisan 2 £55 ......(3.5.53)
Artisan 2 upgrade (return Artisan disc) – £28 ...(3.5.53)
Art Nouveau – £42.50 ......(2.6.17)
Atelier £85 ......(2.12.46)
AutoSketch – £79 ......(1.7.3)
Drawing Board – £54 ......(2.5.33)
Euclid – £60 ......(3.1.50)
Film Maker £90 ......(2.6.3)
GammaPlot £46 ......(1.12.19)
GraphBox – £69 ......(2.8.4)
Inter-Chart ROM – £27 ......(1.1.20)
Inter-Chart disc – £20 ......(1.1.20)
Mogul (for Euclid) – £20 ......(3.1.50)
Poster (with fonts) –£93 ......(3.11.13)
Presenter II – £42 ......(1.11.46 – 3.3.23)
Presenter II with Hotlinks – £49 ......(3.10.3)
Presentation System – £46 ......(2.7.20)
Pro-Artisan – £85 ......(2.3.19)
Realtime Solids Modeller £160 ......(2.10.46)
Render Bender – £69 ......(2.9.23)
Snippet – £30 ......(3.11.4)
Solid CAD – £130 ......(2.5.3)
Solids Render – £130 ......(4.1.5)
Solid Tools – £320 ......(4.1.5)
Splice – £25 ......(3.12.38)
Super-Dump – £28 ......(4.1.5)
Super-Plot £37 ......(4.1.5)
Tween £25 ......(3.12.38)
Worra-CAD – £80 *(initial offer price)* ......(3.11.4)

Sound (Hardware & Software)
Acorn Midi podule – £74 ......(3.2.26)
Armadeus £70 ......(2.9.17)
Armadeus sampler podule – £140 ......(2.9.17)
Drummer (Midi Percussion) – £18 ......(4.3.2)
Rhapsody – £46 ......(4.2.19 – 4.3.29)
Supersound Creations £17 ......(4.3.4)

Communications
Acorn £28 ......(4.3.40)
Arc-Comm – £31 ......(4.3.40)
Hearsay – £59 ......(1.12.22)
WS3000 V22bis modem – £310......(2.8.5)
Amstrad SM2400 modem – £210......(2.8.5)
Modem connecting lead – £12 ......

Utilities
ArcDFS – £28 ......(3.11.55 & 3.12.30 & 4.1.48)
CIS Utilities (inc Pro-Copier) £16 ......(4.3.2)
Colour dump – Canon £25 ......
Colour dump – Integrex – £25 ......
Colour dump – LC10 £25 ......(3.3.28 + 3.9.59)
DataStore Utilities Disc – £15 ......(3.2.32)
DiscTree £44 ......(2.8.24)
FontFX £10 ......(3.9.37)
Grey dumps (9-pin tone dump) £13 ......(2.6.47)
Instigator – £45 ......(2.10.5)
Outline Font Starter Pack – £47 ......(3.5.3)
Outline Fonts "New Hall" – £47 ......(3.5.3)
PC Emulator – £95 ......(1.5.24)
RISC OS upgrade – £36 ......(2.7.20)
RISC-OS Companion £50 ......(2.12.51)
Software Developer's Toolbox – £175 ......(2.3.2)
TCP/IP Protocol Suite – £195 ......(4.2.3)
TCP/IP Protocol Suite Site Licence £995 ......(4.2.3)
TCP/IP Programmers Pack – £48 ......(4.2.3)
Timewatch – £28 ......(3.2.28)
Toolkit Plus – £42 ......(2.2.32)
WIMP Template Editor £8 ......(2.5.29)
Worra Plotter – £27 ......(3.3.3)

Integrated Software
Desktop Office £120 ......(4.1.40 + 4.2.55)
Home Accounts – £46 ......(2.10.29)
Logistix £99 ......(1.9.31 + 1.10.4)
Minerva Business Accounts – £350 ......(4.1.3)
Minerva Nominal Ledger £90 ......(4.1.3)
Minerva Ordering/Invoicing – £90 ......(4.1.3)
Minerva Purchase Ledger £90 ......(4.1.3)
Minerva Sales Ledger – £90 ......(4.1.3)
Minerva Stock Management – £90 ......(4.1.3)
Office Tools – £320 ......(4.1.4)
Personal Accounts (Apricote) – £27 ......(4.2.53)
PipeDream 3 £145 ......(2.12.23)
PipeDream 3 upgrade (from 2 only) £68 ......
PipeDream 3 upgrade (from 2 + SpellCheck) £37 ......
PipeDream Extended Dictionary – £7 ......(3.2.28)
ShareHolder £130 ......(4.1.5)
The Account Book (Apricote) – £32 ......(4.2.53)
The Invoice Program (Apricote) – £32 ......(4.2.53)

Spreadsheets & Databases

Alphabase – £42 ....(2.5.37)
Ancestry – £69 ....(2.8.43)
Arcscan III Database – £17 ....
DataVision – £130 ....(4.1.3)
Financial Accountant – £245 ....(4.1.3)
Flexifile – £130 ....(4.1.3)
Inter-Sheet disc – £30 ....(1.1.20)
Inter-Sheet ROM – £42 ....(1.1.20)
Knowledge Organiser – £55 ....(3.9.54)
Mailshot – £37 ....(2.6.27)
Matrix 3 – £89 ....(1.11.2)
Multistore – £250 ....(3.4.33 / 3.6.46)
Reporter – £37 ....(2.6.27)
Schema – £110 ....(4.1.5)
SigmaSheet – £46 ....(1.11.52 + 1.9.28)
System Delta-Plus II – £69 ....(2.5.3)
System Delta-Plus Reference Manual – £27 ....

Educational Programs

Amazing Ollie (4+) – £15 ....(4.2.2)
Astro (Astronomy programs) – £18 ....(4.2.2)
BookBinder (Musbury) – £50 ....(3.4.2)
Coffee (9 – 15) – £29 ....(4.2.2)
Craftshop 1 – £33 ....(3.9.35)
Craftshop 2 – £33 ....(3.9.5)
Desk Top Stories – £38 ....(2.12.48)
DigiSim – £40 *(Special offer £32)* ....(2.8.48)
Droom – £25 ....(1.7.42)
Dust – £32 ....(4.1.3)
Fun School 2 (under 6's) – £19 ....(4.2.59)
Fun School 2 (6 – 8's) – £19 ....(4.2.59)
Fun School 2 (over 8's) – £19 ....(4.2.59)
Gate Array Design/Teaching – £130 ....(4.1.3)
Genesis – £85 ....(3.4.25)
Genesis II (avail January) – £130 ....(4.3.3)
Geoscan Database – £38 ....(4.2.51)
HoneyPot – £42 ....(4.2.2)
Jiglet – £30 ....(3.11.3)
Jigsaw – £33 ....(3.5.27)
Logotron Logo – £64 ....(1.11.50)
Maps of the World – £28 ....(4.1.54)
Numerator – £78 ....(2.12.46)
Ollie Octopus Sketchpad (4+) – £15 ....(4.2.3)
Order & Chaos (for Numerator) – £17 ....(4.1.26)
PenDown (full release) – £57 ....(3.12.48 & 4.1.42)
P.I.P.P. – £37 ....(3.12.51)
RiscType V2 – £18 ....(4.3.3)
RoboLOGO – £90 ....(4.1.5)
Tiny Logo + Tiny Draw – £28 ....(4.3.59)

Documentation

A3000 Technical Manual – £28 ....(3.8.2)
Assembly Language Book – £14 ....(1.11.39)
Assembly Language Disc – £8 ....
Archimedes First Steps – £9 ....(3.6.17)
BASIC V manual (Acorn) – £19 ....(2.8.2)
BASIC V Dabhand Guide – £9 ....(2.9.2)
Guide to Acorn DTP (inc. disc) – £17 ....(3.4.55)
Operating System Book – £14 ....(2.6.45)
Operating System Disc – £8 ....(2.6.45)
RISC-OS Prog Ref Manual – £75 ....(3.1.53)
Z88 Dabhand Guide – £14 ....(3.9.57)

Games

Adventure Lang Prog System (ALPS) – £29 ...(3.3.50)
Alerion – £14 ....(2.1.45)
Alien Invasion – £14 ....(3.12.20)
All-in Boxing – £14 ....(3.1.4)
Apocalypse – £28 ....(3.10.42)
Arcade 3 Compilation – £14 ....(3.1.44)
Arcade Soccer – £18 ....(3.10.35)
Arcendium – £14 ....(2.5.2)
Arc Trivia – £23 ....(2.7.52)
Bug Hunter/MoonDash – £17 ....(3.10.26)
Bug Hunter in Space – £17 ....(4.2.2)
Caverns – £17 ....(3.5.2)
Cheat it again, Archie – £11 ....(2.7.55)
Chocks Away 2 – £23 ....(4.2.17)
Cops (Adventure) – £18 ....(3.7.48)
Crisis – £27 ....(4.3.2)
Drop Ship – £18 ....(4.2.2)
Enthar-7 – £26 ....(2.1.44)
E-Type – £18 ....(3.2.49)
E-Type Designer – £16 ....(3.3.2)
E-Type Extra 100 miles – £16 ....(3.3.2)
Family Favourites – £18 ....(3.8.59)
Fireball II – £23 ....(3.5.41)
Fireball II + Fish + Pon (MiniPack5) – £27 ....(3.5.41)
Freddy's Folly – £14 ....(2.1.45)
Herewith the Clues! – £23 ....(3.11.57)
Holed Out – £18 ....(2.9.38)
Holed Out Extra Courcs 1 – £16 ....(2.10.5)
Holed Out Extra Courcs 2 – £16 ....(2.10.5)
Holed Out Designer – £18 ....(3.9.60)
Hostages – £19 ....
Hoverbod – £14 ....(1.10.47)
Ibix the Viking – £18 ....(3.1.45)
Inertia – £18 ....(3.12.43)
Interdictor 2 – £32 ....(4.2.17)
Jet Fighter – £14 ....(2.3.2)
Last Days of Doom – £19 ....(3.7.3)
Maddingly Hall – £14 ....(3.8.3)
Mah Jong Patience – £18 ....(4.3.3)
Man at Arms – £19 ....(3.11.58)
Memory Magic – £15 ....(3.11.3)

Archive Members' Price List – December 1990

(All prices include VAT and UK carriage)

(Numbers in brackets refer to issues of Archive magazine.)
(means either "new product" or "new price")

Shareware Discs Nº 0 to 26 & 30 to 36 – £3 each
Any 10 Shareware discs – £27
Careware Discs Nº 1 to 11 – £6 each
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3 ......
Program Discs 1.7, 1.8, 1.9 etc – £3 each ....(3.8.2)
Volume 1 to 3 program discs (31) – £65
Volume 3 program discs (12) – £28
Volume 4 program discs advance booking (12) – £33
Archive back issues – £2 each ....
Binder volume 1, 2, 3 or 4 – £5 each ....(1.7.3)
Binders 1 to 4 – £16 for four
3.5" Discs, top quality – 10 for £13, 50 for £60 ....
Printer cable – £10 ....
Keyboard extension cable – £8 ....
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover – £9
Annual Service Kit (2 batteries + fan filter) – £3 ....
(Or if bought with other goods – £2)

Oak SCSI Hard Drives

All Oak drives and tape streamers **INCLUDE** a podule.
Subtract £100 if you want a drive without a podule.
Oak SCSI Drives for 300/400 .(2.11.2, 3.2.10, 3.4.15)
SCSI hard disc podule – £220
20M internal drive + SCSI pod – £400
45M internal drive + SCSI pod – £525
80M internal drive + SCSI pod – £720
100M internal drive + SCSI pod – £935
200M internal drive + SCSI pod – £1310
20M external drive + SCSI pod – £560
45M external drive + SCSI pod – £655
80M external drive + SCSI pod – £890
100M external drive + SCSI pod – £1130
200M external drive + SCSI pod – £1490
Oak ELITE SCSI Drives for 300/400 ....(4.3.15)
40M internal drive + SCSI pod – £640
80M internal drive + SCSI pod – £1005
100M internal drive + SCSI pod – £1190
200M internal drive + SCSI pod – £1540
40M external drive + SCSI pod – £850
80M external drive + SCSI pod – £1190
100M external drive + SCSI pod – £1390
200M external drive + SCSI pod – £1750
300M external drive + SCSI pod – £2390
640M external drive + SCSI pod – £3010
560M Magneto-optical drive – £3800 ....(3.8.32)
Data cartridges for Magneto-optical drive – £310
Oak SCSI Tape streamers ....(3.4.3)
60M SCSI Tape streamer – £1100
150M SCSI Tape streamer – £1350
1 Gb SCSI Tapestreamer – £2995 ....(3.7.2)
60M Cartridges – £34 each

150M Cartridges – £37 each
1 Gb Cartridges – £45 each
A3000 external drives
• 20M external drive + SCSI pod – £390 ....(4.3.15)
45M external drive + SCSI pod – £655
80M external drive + SCSI pod – £890
100M external drive + SCSI pod – £1130
200M external drive + SCSI pod – £1490
330M external drive + SCSI pod – £2395
512M external drive + SCSI pod – £2995
A3000 drives in monitor stand ....(3.11.45)
20M drive + SCSI pod – £600
45M drive + SCSI pod – £695
80M drive + SCSI pod – £930
100M drive + SCSI pod – £1170
200M drive + SCSI pod – £1530
A3000 SCSI hard disc podule – £220

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)
External 42M (25ms) (w/o podule) – £650 ....(4.1.47)
External 42M +Oak A300/400 podule – £840
External 42M +Oak A3000 pod – £840
External 42M +Lingenuity A300/400 podule – £815
External 42M +Lingenuity A3000 podule – £795
Extra 42M cartridges – £80

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series – £210
Internal 40M (28ms) drive for A400 series – £330
Internal 47M (28ms) drive for A400 series – £410

Digital Services TapeStreamer

30M Tapestreamer/5.25" interface – £640 ....(4.1.4)

Disc Copying Auto-Loader

50-disc autoloader, software & leads – £2645 ....(4.2.2)

A400 / 500 Computers & Upgrades

A410 – £1260 (inc £100 Archive voucher)...................
A420 Learning Curve – £1490 (+ £100 voucher) ....
A440 equivalent – £1830 (+ £100 voucher) ....
A440 Learning Curve – £1900 (+ £100 voucher).........
A540 – £3444 (+ £200 voucher)
Ram for A410 – £60 per Mb (+ £10 if fitting req'd) .....
Single Ram chips (in case you damage one!) – £8
ARM3 – 30MHz (Aleph One) – £460...............(4.1.13)
ARM3 – 30MHz (CJE Micros) – £465 ....(4.1.3)
4 to 8M Upgrade (Atomwide) – £890 ....(3.11.25)
Econet module – £52...............................
Replacement 3.5" drive for 400/1 – £70.............(3.5.3)

A3000 Computers & Upgrades

A3000 computer – £680 (inc £50 free s/ware) ....
A3000 Learning Curve – £800...............................
A3000 Jet Set Pack – £710.........................(4.1.4)
1 Mb A3000 upgrade (Morley) – £80 ....(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £240 ......(3.3.3/3.6.2)

Z88

A400 series prices

We are able to make special deals on ram and hard drives if they are purchased at the same time as the A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra ram fitted at £70 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a **420/1** equivalent is £1260 + £70 + £200 = **£1530** and a **440/1** costs £1260 + 3 * £70 + £390 = **£1860**.

N.B. These are exact functional equivalents of Acorn's 420/1 and 440/1 apart from the sticky label on the front!

If you want an Acorn monitor or a Cub 3000 at the same time, add £230, if you want an Acorn monitor or a Philips CM8833, add £260, if you want a 14" Eizo 9060SZ multi-sync monitor at the same time, add £500 and if you want a 16" Eizo 9070SZ monitor at the same time, add £860.

Stock Reduction Price Cuts

First Word Plus (Release 2) – £82 down to £75

Genesis – £85 down to £75

Art Nouveau – £42.50 down to £30

PC Emulator – £95 down to £80

Panasonic Sheet-Feeders & Ribbons

We now sell cut-sheet feeders for KX-P1124 printers at £125. Also, ribbons for Panasonic KX-P1124 printers have been proving difficult to get hold of but we've found a source of them at £11 each.

A3000 SCSI drives

Due to over-stocking, we have a few 20M and 80M Oak A3000 SCSI drives with podule at special prices of £520 and £920 respectively. The normal Archive prices £560 and £970, and Oak prices £615 and £1100. (Please ring before ordering to check availability.)

Acorn SCSI Podule

I bought one for review purposes and can't sell it at the full price of £320. Anyone want it for £220? Give me a ring if you are interested.

Archive Members' Price List – July 1990

(All prices include VAT and UK carriage)
(Numbers in brackets refer to Issues of Archive magazine.)

Hard Drives – SCSI

Hard Drives – ST506

Hardware – General

C Guide Disc – £9 ....

Games

Z88

Z88 Computer – £235 ....
128k RAM pack – £50 ....
128k EPROM pack – £50 ....
EPROM eraser – £40 ....
Archimedes link – £36 ....
Carrying case – £10..
Mains Adaptor – £10

April Sales, nearly all gone!

We still have one or two items we want to clear from our stock list....

Hardware

• A3000 45M SCSI drive (full speed, not Worra Winnie) (1 only) – £490 (was £525)

• A300/400 80M internal SCSI drive (full speed, not Worra Winnie) (1 only) – £680 (was £720)

• A310 4 M RAM upgrade (Protokote) – It was £600 at old VAT price but we are prepared to sell it for £490 on a user-fitting basis. (1 only)

Software

U.I.M. – £14 (was £28)

Olympics – £9 (was £19)

Bulletin Board Password

The password for the Archive bulletin board is 'impression' – phone 0603–745932.

A400 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1280 (and get £100 free software with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £210, £320 or £400 for 20M, 40M or 47M respectively.

So a 440/1 equivalent costs £1290 + 3 * £50 + £400 = £1840.

If you buy an Acorn 14" standard resolution monitor at the same time add £210, if you want an Eizo 9060SZ add £460 or for a Taxan 795 add £560.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Charity Sales

The following items are available for sale in aid of charity. PLEASE do not just send money – ring us on 0603–766592 to check if the items are still available. Thank you.

User Guides ....free! + £3 postage
Used discs *(some hardly used at all)*
   10 for £7
   50 for £25
CC ROM/RAM podule with 128k ram
          and battery backup £40
Twin £10
Interdictor 1 ....£6
Superior Golf £9
Trivial Pursuit.................................£9
Acorn 2-slot b-plane £15
Euclid £25
ArcWriter £5

Minerva Nominal Ledger – £90 ....(4.1.3)
Minerva Ordering/Invoicing – £90 ....(4.1.3)
Minerva Purchase Ledger – £90 ....(4.1.3)
Minerva Sales Ledger – £90.............................(4.1.3)
Minerva Stock Management – £90 ....(4.1.3)
Office Tools – £320 ....(4.1.4)
Personal Accounts (Apricote) – £27 ....(4.2.53)
PipeDream 3 – £145 ....(2.12.23)
PipeDream Extended Dictionary – £7 ....(3.2.28)
ShareHolder – £130 ....(4.1.5)
The Account Book (Apricote) – £32 ....(4.2.53)
The Invoice Program (Apricote) – £32 ....(4.2.53)

Spreadsheets & Databases

Alphabase – £42 ....(2.5.37)
Ancestry – £69 ....(2.8.43)
Arescan III Database – £17 ....
DataVision – £130 ....(4.1.3)
Financial Accountant – £245 ....(4.1.3)
Flexifile – £130 ....(4.5.54)
Inter-Sheet disc – £30 ....(1.1.20)
Inter-Sheet ROM – £42 ....(1.1.20)
Knowledge Organiser – £55 ....(3.9.54)
Mailshot – £37 ....(2.6.27)
Matrix 3 – £89 ....(1.11.2)
Multistore II – £250 ....(3.4.33 / 3.6.46)
Reporter – £37 ....(2.6.27)
Schema – £110 ....(4.1.5)
SigmaSheet – £46 ....(1.11.52 + 1.9.28)
System Delta-Plus II – £69 ....(2.5.3)
System Delta-Plus Reference Manual – £27 ....

Educational Programs

Amazing Ollie (age: 4+) – £15 ....(4.2.2)
Astro (Astronomy programs) – £18 ....(4.2.2)
BookBinder (Musbury) – £50...........................(4.6.56)
Coffee (age: 9 – 15) – £32 ....(4.2.2)
Craftshop 1 – £33 ....(3.9.35)
Craftshop 2 – £33 ....(3.9.5)
Desktop Folio – £95 ....(4.5.2)
Desk Top Stories – £38....................................(2.12.48)
DigiSim – £40 ....(2.8.48)
Droom – £25 ....(1.7.42)
Dust – £32..(4.1.3)
• Flight Path (age: 9+) – £32 ....(4.6.2)
Freddy Teddy – £18 ....(4.4.2)
Fun School 2 (age: under 6's) – £19 ....(4.2.59)
Fun School 2 (age: 6 – 8's) – £19 ....(4.2.59)
Fun School 2 (age: 8+) – £19 ....(4.2.59)
Gate Array Design/Teaching – £130 ....(4.1.3)
Genesis – £85 ....(3.4.25)
Genesis II – £130 ....(4.3.3)
Geoscan Database – £38....................................(4.2.51)
Giant Killer Maths Adventure – £18 ....(4.5.3)
Giant Killer Support Disc – £16 ....(4.5.3)
HoneyPot – £47 ....(4.6.60)
Jiglet – £30 ....(4.4.30 + 4.5.17)

Jigsaw – £33 ....(3.5.27)
Landmarks (Egypt) – £20 ....(4.5.3)
Landmarks (2nd World War) – £20 ....(4.5.3)
Logotron Logo – £64 ....(1.11.50)
Magpie multi-media – £57 ....(4.5.3)
Maps of the World – £28 ....(4.1.54)
Mental Maths – £18 ....(4.5.4)
Numerator – £78 ....(2.12.46)
Ollie Octopus Sketchpad (age: 4+) – £15 ....(4.2.3)
Order & Chaos (for Numerator) – £17 ....(4.1.26)
PenDown (full release) – £57 ....(3.12.48/4.1.42/4.6.54)
P.I.P.P. – £37 ....(3.12.51)
RiscType V2 – £18 ....(4.3.3)
RoboLOGO – £90 ....(4.4.54)
Tiny Logo + Tiny Draw – £28 ....(4.3.59)

Documentation

A3000 Technical Manual – £28 ....(3.8.2)
(A540 Technical Manual – £65 ....)
Assembly Language Book – £14 ....(1.11.39)
Assembly Language Disc – £8 ....
Archimedes First Steps – £9 ....(3.6.17)
BASIC V manual (Acorn) – £19 ....(2.8.2)
BASIC V Dabhand Guide – £9 ....(2.9.2)
DTP Seeds – £8 ....(4.5.3)
Guide to Acorn DTP (inc. disc) – £17 ....(3.4.55)
Operating System Book – £14 ....(2.6.45)
Operating System Disc – £8 ....(2.6.45)
RISC-OS Prog Ref Manual – £75 *(See page 6)* (3.1.53)
Z88 Dabhand Guide – £14 ....(3.9.57)

Games

Adventure Lang Prog System (ALPS) – £32 ....(3.3.50)
Alerion – £14 ....(2.1.45)
Alien Invasion – £14.....................................(3.12.20)
All-in Boxing – £14 ....(3.1.4)
Apocalypse – £28 ....(3.10.42)
Arcade 3 Compilation – £14 ....(3.1.44)
Arcade Soccer – £18......................................(3.10.30)
Arcendium – £14 ....(2.5.2)
Arc Trivia – £23 ....(2.7.52)
ArcPinball – £23 ....(4.5.2)
Ballarena – £18 ....(4.4.20)
Blowpipe – £19..(4.5.2)
Bug Hunter/MoonDash – £17 ....(3.10.26)
Bug Hunter in Space – £17..............................(4.4.52)
Caverns – £17 ....(3.5.2)
Cheat it again, Archie – £11 ....(2.7.55)
Chocks Away 2 – £23 ....(4.4.40)
Cops (Adventure) – £18 ....(3.7.48)
Crisis – £27 ....(4.3.2)
Drop Ship – £18 ....(4.4.52)
Enthar-7 – £26 ....(2.1.44)
E-Type – £18 ....(3.2.49)
E-Type Designer – £16 ....(3.3.2)
E-Type Extra 100 miles – £16 ....(3.3.2)
Family Favourites – £18 ....(3.8.59)

(All prices include VAT and UK carriage)
(Numbers in brackets refer to issues of Archive magazine.)
(• means either 'new product' or 'new price')

Shareware Discs Nº 0 to 26 & 30 to 38 – £3 each
Any 10 Shareware discs – £27
Careware Discs Nº 1 to 12 – £6 each
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3 ....
Program Discs 1.7, 1.8, 1.9 etc – £3 each...........(3.8.2)
Volume 1 to 3 program discs (31) – £65
Volume 3 program discs (12) – £28
Volume 4 program discs advance booking (12) – £33
Archive back issues – £2 each.........................
Binder volume 1, 2, 3 or 4 – £5 each ....(1.7.3)
Binders 1 to 4 – £16 for four
3.5" Discs, top quality – 10 for £13, 50 for £60 ....
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover – £9
Annual Service Kit (2 batteries + fan filter) – £3 ....

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule.
Subtract £100 if you want a drive without a podule.

A300/400 SCSI hard disc podule – £220
New software for SCSI podules – £11

WorraWinnie SCSI Drives for 300/400 ....
  20M internal drive + podule – £340
  45M internal drive + podule – £440
  80M internal drive + podule – £640
  100M internal drive + podule – £840
  200M internal drive + podule – £1240
  20M external drive + podule – £390
  45M external drive + podule – £490
  80M external drive + podule – £690
  100M external drive + podule – £890
  200M external drive + podule – £1290

High Speed SCSI Drives for 300/400 ....
  40M internal drive + podule – £520
  80M internal drive + podule – £720
  100M internal drive + podule – £1020
  200M internal drive + podule – £1520
  40M external drive + podule – £720
  80M external drive + podule – £920
  100M external drive + podule – £1220
  200M external drive + podule – £1720

Oak ELITE SCSI Drives for 300/400 ....(4.3.15)
  40M external drive + podule – £860
  80M external drive + podule – £1220
  100M external drive + podule – £1420
  200M external drive + podule – £1780
  300M external drive + podule – £2420
  640M external drive + podule – £3020

A3000 WorraWinnie external drives
  • 20M external drive + podule – £390 ....(4.3.15)

  45M external drive + podule – £490 ....(4.4.2)
  80M external drive + podule – £690 ....(4.4.2)
  100M external drive + podule – £890
  200M external drive + podule – £1290

A3000 SCSI hard disc podule – £220

Oak SCSI Tape streamers ....(3.4.3)
  60M SCSI Tape streamer – £1120
  150M SCSI Tape streamer – £1390
  1 Gb SCSI Tapestreamer – £3090.................(3.7.2)
  60M Cartridges (3M) – £23 each
  150M Cartridges (3M) – £26 each
  1 Gb Cartridges – £45 each

MicroNet Removable SCSI Hard Drives
(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £595 ....(4.1.47)
External 42M +Oak A300/400 podule – £795
External 42M +Oak A3000 ext podule – £795
External 42M +Lingenuity A3000 int podule – £775
Extra 42M cartridges – £80

ZCL SCSI Hard Drives (17 ms)
(Prices include cables and one 42M cartridge)
External 48M (w/o podule) – £410 ....(4.6.3)
Internal 48M (w/o podule) – £340 ....
External 48M (Oak podule) – £590..........................
Internal 48M (Oak podule) – £520 ....
External 48M (Oak A3000 ext podule) – £590 ....
External 48M (Lingenuity A3000 int podule) – £570....

Oak ST506 Hard Drives
Internal 20M (28ms) drive for A400 series – £210
Internal 40M (28ms) drive for A400 series – £330
Internal 47M (28ms) drive for A400 series – £410

Xpress Bulk Disc Copier
60-disc copier, software & leads – £2645 (4.2.2, 4.4.2)

A400 / 500 Computers & Upgrades
A410 – £1260 (inc £100 Archive voucher).................
A420 Learning Curve – £1490 (+ £100 voucher) ....
A440 equivalent – £1830 (+ £100 voucher) ....
A440 Learning Curve – £1900 (+ £100 voucher) ....
A540 – £3444 (+ £200 voucher) ....
4M Ram card for A540 – £530
Ram for A410 – £60 per Mb (+ £10 if fitting req'd) ....
Single RAM chips (in case you damage one!) – £8 ....
ARM3 – 24MHz (Aleph One) – £460 ....(4.1.13)
ARM3 – 25MHz (CJE Micros) – £390 ....(4.1.3)
4 to 8M Upgrade (Atomwide) – £890 ....(3.11.25)
Fan Speed Controller – £20 ....(4.5.2)
Econet module – £52
Replacement keyboard for 400/1 – £120 ....
Replacement 3.5" drive for 400/1 – £70 ....(3.5.3)

A3000 Computers & Upgrades

A3000 computer – £680 (inc £50 free s/ware) ....
A3000 Learning Curve – £800 ....
A3000 Jet Set Pack – £710 ....(4.1.4)
1 Mb A3000 upgrade (Morley) – £80 ....(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £240 ....(3.3.3/3.6.2)
1 Mb A3000 upgrade (Atomwide) – £80 ....(3.10.2)
3 Mb A3000 upgrade (Atomwide) – £275 ....(3.10.2)
A3000 Econet Module – £52 ....
A3000 Serial upgrade – £20 ....
A3000 User Port & Midi – £52 ....
Midi upgrade software – £10 ....(3.6.2)
A3000 User & Analogue Ports (Morley) – £72 (3.6.2)
A3000 Ext 3.5" drive for A3000 – £135 ....(3.6.2)
SCSI podule for A3000 (Lingenuity) – £165 ....
SCSI podule for A3000 (Oak) – £220...........

Monitors & Accessories

Acorn (Philips) monitor – £250 ....
Philips CM8833 14" monitor – £280 ....(2.9.2)
Eizo 9060SZ 14" multi-sync – £520...........(3.7.2)
Taxan 795 14" Trinitron m-sync – £590 ....(4.1.6 & 21)
Eizo 9070SZ 16" multi-sync – £880 ....(3.10.2)
Taxan 970 20" multi-sync – £1690 ....(4.1.6)
VIDC Enhancer – £35 ....(3.10.21)
A3000 Monitor stand – £33
Long monitor lead with sound – £15 ....(3.12.2)

A310 / A440 Upgrades

Replacement Mouse – £55 ....(3.5.3)
Replacement Mouse cable (Digitec) – £11 ....
Replacement Mouse cable (Logitech) – £13 ....
Replacement 3.5" drive for 310 – £100 ....(3.5.3)
Second internal 3.5" drive – £122 ....
Replacement keyboard for 310/1 – £120 ....
MEMC1a upgrade for 310/440 – £74 ....(3.2.3)
ARM3 – 24MHz (Aleph One) – £460 ....(4.1.13)
ARM3 – 25MHz (CJE Micros) – £390 ....(4.1.3)
Econet module – £52 ....
Acorn 2-slot backplane (inc fan) – £42 ....
I.F.E.L. 4-layer 4-slot backplane (inc fan) – £66 ....

Podules & External add-ons

5.25" drive interface (CJ Micros) – £35 ....
5.25" drive interface (Digital Svcs) – £38 ....(4.1.2)
ROM Podule – £53 ....(1.7.44)
  with battery backup – £63 ....
  32k RAM chips – £15 ....
Atomwide prototyping boards ....(4.4.46)
  Bare board with V1.3 ROM – £32 ....
  Fully built with ROM – £43 ....
  Fully built with RAM – £49 ....
  APEC utilities disc – £4 ....
Colour Digitiser Hawk V9 – £360 ....(3.7.13)
Ethernet Card – £270 ....(4.1.2)
Floating Point Co-Processor – £570 ....(4.2.43)

I/O Podule – £88...........(1.7.38)
New software for I/O Podule – £12 ....(3.6.2)
Joystick (Voltmace) – £25
Joystick/switch – £18 ....(4.1.4)
Midi podule – £74 ....(3.2.26)
Midi podule upgrade software – £15 ....(3.6.2)
Marconi Trackerball – £55 ....
ScanLight Plus (A4) – £425 ....(2.12.49)
Sheet feeder for Scanlight Plus – £105 ....
ScanLight Plus Junior – £205 ....
ScanLight Plus Junior A3000 – £205 ....
SCSI podule for A300/A400 (Acorn) – £270 ....
SCSI podule for A300/A400 (Lingenuity) – £185 ....
SCSI podule for A300/A400 (Oak) – £220...........

Connectors & Cables

Keyboard extension cable – £8 ....
Modem connecting lead – £12 ....
Printer cable (Centronics) – £10 ....
SCSI cable IDC to Amphenol – £15...........(page vi)
SCSI cable D-type to Amphenol – £15...........(page vi)
SCSI cable Amphenol to Amphenol – £15 ....(page vi)
SCSI cable IDC to IDC – £15 ....(page vi)

Printers & Accessories

Panasonic KXP1081 9-pin printer – £155 ....
Panasonic KXP1124 24-pin printer – £275...........
32k buffer chip for KXP1124 – £15 ....
Cut-sheet feeder for KXP1124 – £125 ....(3.10.3)
Ribbons for KXP1124 – £11 each ....(3.10.3)
Centronics Printer cable – £10 ....
Laser Direct 300 dpi – £1080 (3.9.3 & 3.10.3 & 3.12.6)
Laser Direct 600 dpi (LBP8) – £1560 ....(4.1.2)
Canon LBP4 – £950 ....(4.1.2)
LD interface for LBP4 – £370 ....(4.1.2)
ArcLaser – £1040 ....(3.11.3 & 3.12.6)
Qume toner set – £75 ....(4.1.4)
Qume drum set – £95 ....(4.1.4)
Toner cartridge for LBP4/8 – £80 ....

Languages

ABC–2 BASIC Compiler – £89 ....(2.5.16)
ABC Dynamic Extensions – £45 ....(3.1.2)
Acorn Assembler – £195 ....(3.4.51)
Adventure Lang Prog System (ALPS) – £32 ....(3.3.50)
ANSI–C (Release 3) – £145 ....
Cambridge Pascal – £70 ....(3.4.27)
C Front End – £18 ....(3.4.49)
C Dabhand Guide – £14 ....(2.1.28)
C Guide Disc – £8 ....
Fortran 77 (Rel. 2) – £99 ....(1.7.26)
Iso-Pascal (Rel. 2) – £99 ....(1.9.24 + 1.11.14)
Logotron Logo – £64 ....(1.11.50)
Risc BASIC Compiler – £130 ....(2.9.32)
Risc Forth – £130 ....(2.2.23)
RoboLOGO – £90...........(4.1.5)
Twin Editor – £29 ....
Wingpass Macro Assembler V2 – £47 ....(2.8.41)

Word-Processors & DTP

DTP from Acorn – £145 ....(2.12.41)
Easiword – £36 ....(3.9.2)
Equasor – £52 ....(4.6.47)
Expression PS – £21 ....(4.5.3)
First Word Plus 2 – £82 ....(3.4.40)
First Word Plus Extended Dictionary – £7........(2.8.30)
First Fonts, Maths/Scientific – £20...........(2.1.32)
Graphic Writer – £27 ....(1.6.12)
Impression 2 DTP – £175 ....(4.5.49)
Impression Dongle Dangle – £5 ....(4.5.3)
Impression Junior – £89 ....(3.2.59)
Inter-Word ROM – £42 ....(1.1.20)
Inter-Word disc – £30...........(1.1.20)
Keyword – £18 ....(3.3.32)
Ovation DTP – £105 ....(3.12.23)
Protext 5.0 – £135 ....(4.2.3)
ShowPage – £150 ....(4.5.4)
SpellMaster ROM – £55 ....(1.10.34)
SpellMaster disc – £41 ....(1.10.34)
Tempest DTP – £120 ....(3.10.50)
Wordwise Plus A (80 column) – £30 ....(3.5.5)
Wordwise Plus A (upgrade from BBC) – £10 (1.2.20)

Graphics & Clipart

History (Costume) Graphics Pack – £18 ....(4.2.3)
Maps of the World – £28 ....(4.1.54)
Pre-Historic Animals – £18 ....(4.2.3)
Tools – £18 ....(4.4.3)
World Wildlife Pack – £18 ....(4.2.3)

Art / Drawing etc Packages

ArcImEd – £23 ....(1.12.42)
ArcLight – £46 ....(4.4.19)
ArcPCB – £160 ....(2.1.2)
ArcPCB Professional – £320 ....(3.1.4)
Artisan 2 – £55 ....(3.5.53)
Art Nouveau – £42.50...........(2.6.17)
Atelier – £85 ....(2.12.46)
AutoSketch – £79 ....(1.7.3)
Drawing Board – £54 ....(2.5.33)
Euclid – £60 ....(3.1.50)
Film Maker – £90 ....(2.6.3)
GammaPlot – £46 ....(1.12.19)
GraphBox – £69 ....(2.8.4)
Inter-Chart ROM – £27 ....(1.1.20)
Inter-Chart disc – £20 ....(1.1.20)
Mogul (for Euclid) – £20 ....(3.1.50)
Poster (with fonts) –£93 ....(3.11.13)
Presenter II – £42 ....(1.11.46 + 3.3.23)
Presenter II with Hotlinks – £49...........(3.10.3)
Presentation System – £46 ....(2.7.20)
Pro-Artisan – £85 ....(2.3.19)
Realtime Solids Modeller – £160 ....(2.10.46)
Render Bender – £69 ....(2.9.23)
Revelation image processor – £80 ....(4.5.4)
Snippet – £30 ....(3.11.4)

Solid CAD – £130 ....(2.5.3)
Solids Render – £130 ....(4.1.5)
Solid Tools – £320 ....(4.1.5)
Splice – £25 ....(3.12.38)
Super-Dump – £28 ....(4.1.5)
Super-Plot – £37 ....(4.1.5)
• Tracer (Midnight Graphics) – £56 ....(4.6.3)
Tween – £25 ....(3.12.38)
Worra-CAD – £80 (initial offer price) ....(3.11.4)

Sound (Hardware & Software)

Acorn Midi podule – £74 ....(3.2.26)
Armadeus – £70 ....(2.9.17)
Armadeus sampler podule – £140 ....(2.9.17)
Rhapsody – £46 ....(4.2.19 + 4.3.29)
Supersound Creations – £17 ....(4.3.4)
Tracker – £46 ....(4.5.44)

Communications

Acorn – £28...........(4.3.40)
Arc-Comm – £31 ....(4.3.40)
ArcTerm 7 – £75 ....(4.5.2)
Hearsay – £59 ....(1.12.22)
WS3000 V22bis modem – £310 ....(2.8.5)
Modem connecting lead – £12 ....

Utilities

ArcDFS – £28 ....(3.11.55 & 3.12.30 & 4.1.48)
Archway2 – £90 ....(4.5.2)
ArcMonitor – £28 ....(4.4.2)
CIS Utilities (inc Pro-Copier) – £16...........(4.3.2)
Colour dump – Canon – £25...........
Colour dump – Integrex – £25 ....
Colour dump – LC10 – £25 ....(3.3.28 + 3.9.59)
DataStore Utilities Disc Nº1 – £14...........(3.2.32)
• DataStore Utilities Disc Nº2 – £14 ....(4.6.2)
DiscTree – £44 ....(2.8.24)
FontFX – £10 ....(3.9.37)
Grey dumps (9-pin tone dump) – £13...........(2.6.47)
Instigator – £45 ....(2.10.5)
Investigator II – £26 ....(4.5.3)
Outline Font Starter Pack – £47 ....(3.5.3)
Outline Fonts 'Newhall' – £47 ....(3.5.3)
PC Emulator – £95 ....(1.5.24)
RISC-OS upgrade – £36 ....(2.7.20)
RISC-OS Companion – £50 ....(2.12.51)
Software Developer's Toolbox – £175...........(2.3.2)
TCP/IP Protocol Suite – £195 ....(4.2.3)
TCP/IP Protocol Suite Site Licence – £995 ....(4.2.3)
TCP/IP Programmers Pack – £48 ....(4.2.3)
Timewatch – £28 ....(3.2.28)
Toolkit Plus – £42 ....(2.2.32)
WIMP Template Editor – £8 ....(2.5.29)
Worra Plotter – £27 ....(3.3.3)

Integrated Software

Desktop Office – £120 ....(4.1.40 + 4.2.55)
Home Accounts – £46 ....(2.10.29)
Minerva Business Accounts – £350 ....(4.1.3)

Z88

March Sales, would you believe?

We still have one or two items we want to clear from our stock list....

Hardware

• **A3000 45M SCSI drive** (full speed, not Worra Winnie) mounted in bridge (1 only) – £540 (was £695)

• **A300/400 100M external SCSI drive** (full speed, not Worra Winnie) (1 only) – £990 (was £1130)

• **A300/400 80M internal SCSI drive** (full speed, not Worra Winnie) (1 only) – £680 (was £720)

• **A3000 20M Worrawinnie external SCSI drives** – £380 (was £390). Buy two or more at £360 each.

• **A310 4 M RAM upgrades** (Protokote) – They were £600 but we are prepared to sell them for £490 on a user-fitting basis. (1 left)

Software

• Presenter II (without HotLinks) – £29 (was £42)
• U.I.M. – £14 (was £28)
• Olympics – £9 (was £19)

Bulletin Board Password

The password for the Archive bulletin board is 'impression' – phone 0603-745932.

A400 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a 440/1 equivalent costs £1260 + 3 * £50 + £390 = £1800.

If you buy an Acorn 14" standard resolution monitor at the same time add £200, if you want an Eizo 9060SZ add £450 or for a Taxan 795 add £550.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Help for the Handicapped

Many may no know that for a number of years, Aleph One have sold computer-enhanced biofeedback systems which are used to help in the rehabilitation of physically handicapped persons. Signals emanating from muscle tension appear on the screen as graphs or are used to control video games. Aleph One have recently translated the software as a RISC-OS application and are looking for free or public domain games that can be made available, with the package, to these patients. If you know of any entertaining games that could be controlled by one or two joysticks or switches, please talk to Laurie van Someren at Aleph One on 0223– 811679 or fax him on 812713.

Charity Sales

The following items are available for sale in aid of charity. PLEASE do not just send money – ring us on 0603–766592 to check if the items are still available. Thank you.

User Guides	£2 + £3 postage
Used discs	50p each
10 for	£4
50 for	£15
Acorn ROM/RAM podule	£18
CC ROM/RAM podule with 128k ram and battery backup	£60
Family History	£9
Global View	£4
Personal Investor	£9
I/O podule	£50
StarTrader	£5
Twin	£10
Quazer	£3
Integrex colour dump	£10
Interdictor 1	£6
Holed Out	£8
Superior Golf	£9
Trivial Pursuit	£9
Artisan Support Disc	£2

PRM's are now in stock!!!

Acorn said that the RISC-OS Programmers' Reference manuals are in short supply and would be so for some while to come although, at the moment, we have some in stock. Never-the-less, if you want a copy, please send a SEPARATE CHEQUE, so that if we run out and can't get any more for a while, can hold your cheque until the manuals come back into stock.n said that the RISC-OS Programmers' Reference manuals are in short supply and would be so for some while to come although, at the moment, we have some in stock. Never-the-less, if you want a copy, please send a SEPARATE CHEQUE, so that if we run out and can't get any more for a while, can hold your cheque until the manuals come back into stock.

20" Microvitec monitor

We have been trying to find the best multi-sync colour monitor for use with the Archimedes for DTP'ing the magazine. We have ended up with the 20" Microvitec as the best quality we can find. However, we have decided that it is actually too big and are considering a new 17" Taxan monitor as an alternative. If we decide to go for the 17", we will have a 20" available, which has been used for only a couple of weeks, for a knock-down price. It retails at about £1500 and we would be able to sell this one for around £1100 (inc VAT). If you are interested, give us a ring and we will find the exact prices.

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD.
(Phone: 0603–766592, Fax –764011)

People are getting the *ideA*!

TWO

TWO consists of a Task Organiser, a Window Organiser, and a few Useful Extras – all for £19.

The TASK ORGANISER allows you to group several jobs together under one name and perform them all with a single action.

This one action might load some fonts, install a printer driver, and start up a desktop publishing program with a particular file open and a directory displayed.

The task can be performed automatically when the computer is switched on, but it may also be selected from a simple list on screen.

Defining a task is just a matter of dragging icons to a dialogue box. You can give it a meaningful name, so inexperienced users will find it easy to start work using a list of tasks set up by a teacher.

The WINDOW ORGANISER provides three ways of tidying up the windows displayed on screen, making it much easier to find them.

A single click on the mouse will bring a window from the back to the front, even if it is not visible. You can also close all windows at once.

The USEFUL EXTRAS
• Timed screen blanking • Menu for *Copy and *Wipe options • Simplified *Backup • Easy control of *Configure settings, password-protected • Easy creation of Obey files • Quick cursor location •

✹ Buy from us in April and ✹ we will pay the extra 2½% VAT!
(Cash-with-order sales only).
This will give you time to practise your 1.175 times table.

Cross-32 Meta-Assembler

This professional table-based cross-assembler works with over 50 target processors (including ARM2 and 3), and has been used for some time on PCs. A RISC OS desktop version by Baildon Electronics is now available. Cross-32 is user-friendly and supports conditional assembly and macros. Output is in absolute binary, or Intel or Motorola Hex formats (ideal for eprom programmers and emulators).

You can modify the tables supplied or add new ones to cater for new processors and opcodes.

Oddules

Baildon Electronics Oddules open the way to cheap, flexible and almost unlimited external expansion via the I²C bus already supported by RISC OS. Baildon are producing a range of Oddules which may be daisy-chained.

Ready now is the *AnDi* Oddule. It has eight digital I/O channels with high current open collector drivers, four A/D inputs, and one D/A output. AnDi is capable of emulating user and joystick ports, allowing ADVAL operation from BASIC, and the use of Concept Keyboards and analogue or digital joysticks.

DrawBender

DrawBender distorts Draw files to follow a shape of your choice. A useful addition or cheap alternative to Poster, supplied with these three decorative fonts.

DrawBender is simple to use, without any complex menu structures. The example above uses DrawBender with FontFX – the two make ideal companions.

Iam Copestake Software

ARC11, 10 Frost drive, WIRRAL, Merseyside, England, L61 4XL

Tel / Fax 051-648 6287

Ian Copestake Software

ARC11, 10 Frost drive, WIRRAL, Merseyside, England, L61 4XL   Tel/Fax: 051-648 6287   Internat: +44 51 648 6287

VAT UK customers please add 17½% to the total price, except for the zero-rated items marked ᵛᴼ. E.g., £100 × 1.175 = £117.50.

Carriage   Free in mainland UK if you pay on ordering.

Overseas Add £6 (Europe) or £12 (elsewhere) for each software item if paying by pounds sterling bank draft payable in England, or Eurocheques not exceeding £100 each. If you are paying by credit card we will add airmail and insurance at cost. (Add £10 + 1% of the total price if you can only pay in your own currency).

Credit cards are welcome. The name and address for delivery of goods must be as known to the credit card company. If you are leaving an order on our answering machine include your telephone number (home will do), the expiry date of your card, and your calculation of the total payment due.

Official orders welcome. Payment due in 14 days. Invoices subject to carriage and late payment charges.

Site licences Please enquire if no price is shown.

All products, prices and specifications are offered in good faith and are subject to change without notice. Your order will receive our attention immediately, but suppliers sometimes keep us waiting.

Goods are guaranteed but we do not supply them on approval.

BBC / MASTER / ELECTRON SOFTWARE

BFT Basic Editor and Toolkit

· rom module	ICS	£19
– rom in cartridge	ICS	£25
Powerfont NTO	ICS	£13
Spellmaster rom	CC	£52
Wordpower	ICS	£36
·· site licence (extra)		£100
– extra rom		£7
– extra manual		ᵛᴼ £7

ARCHIMEDES SOFTWARE

If it's not on the list, please ask for a quote. We will always try to match the best prices.

ABC Basic Compiler	Oak	£77
Accounts	Min	£243
ANSI C Release 3	Aco	£125
Apocalypse	4th	£24
Archway (now in stock)	Sim	£78
ArcLight	Ace	£40
ARC-PCB	Sil	£139
– Professional	Sil	£277
Armadeus	Cla	£59
Artisan II	Cla	£44
Artisan Gallery	Cla	£16
Atelier	Min	£67
Autosketch CAD	Aut	£69
Chess 3D	MicP	£18
Children's Graphics ᴰᴾ	MicS	£17
Chocks Away	4th	£19
– Extra Missions		£15
Clip Art ᴰ	Mid	£28
Colour Screen»Mac	Hum	£90
– Arc/Mac Cable		£24
Craftshop 1	4ma	£28
– network version		£34
Craftshop 2	4ma	£28
– network version		£34
Cross-32 Meta-Assembler	Bai	£175
DataVision	Sil	£113
Decorated Alphabet ᴾ	MicS	£17
Designer Intro	Tec	£75
Desktop Enhancer	Mit	£26
Desktop Office	Min	£96
Desktop Publisher	Aco	£110
DTP Graphics 1 (Mono)	MicS	£15
DTP Graphics 2 (Colour)	MicS	£17
DTP Seeds	4ma	ᵛᴼ £8
Disc Tree	Mit	£37
DrawBender + Fonts	ICS	£12
– site licence		£50
Drop Ship	4th	£15
Easiword	Min	£31
Equasor ✔	CC	£40
E-Type	4th	£15
Euclid 2	Ace	£52
Expression PS	CC	£18
Film-Maker	Sil	£75
Financial Accountant	Sil	£204
First Words and Pictures	Cha	£19
FlexiFile	Min	£113
Flying Start II	Mit	£86
FontFX	Dat	£9
– site licence (total)		£60
Font Pack	Aco	
– Newhall / Starter / Symbol		
		each £41
Font Pack	Bee	
– 1 (already included with Ovation): Paladin, Swiss B, SymbolB, Vogue		£43
– 2: Bookman, Chancery, Courier,		
Garamond		EPOA
– 3: Dingbats, New Century Schoolbook, Optima, Times		EPOA
Font Pack	CC	
– Avant Garde / Bookman / Pembroke		each £29
Fortran 77 Release 2	Aco	£82
Fourier Analysis	Arm	£60
Gammaplot	Min	£52
Gate Array Design/Teaching	Sil	£113
Genesis II	Oak	£113
– education price		£99
GerberPlot	Sil	£92
GraphBox	Min	£61
Hard Disc Companion	Bee	£35
Hearsay	Bee	£51
History Costume ᴾ	MicS	£17
Holed Out	4th	£15
Hotlink Presenter	Lin	£43
House of Numbers	Cha	£19
Hyperbook Header	Lon	£47
Hyperbook Electronic Library (including Reader)	Lon	£109
Impression 2 ✔	CC	**£120**
– network version		£650
– site licence		£545
– extra hardware key for sites		£15
– extra manual for sites		ᵛᴼ £8
Impression Junior ✔	CC	**£68**
– site licence		£435
– extra manual for sites		ᵛᴼ £7
Inertia	4th	£15
Inspiration	Pand	EPOA
Interdictor 2	Cla	£27
Investigator 2	Ser	£23
ISO C Devt System	Bee	£77
Jiglet	4ma	£26
Jigsaw	4ma	£28
Keyboard Player	Cha	£17
Knowledge Organiser	Cla	£47
Letters and Pictures	Cha	£17
Logo	Lon	£55
Magpie	Lon	£48
Maps and Landscapes 1	Cha	£19
Maps and Landscapes 2	Cha	£19
Mark Master	Cha	£67
Mogul	Ace	£17

Movaword	Cha	£17
MultiFS	Arx	£27
Multistore	Min	£197
– site licence (total)		£1250
Nevryon	4th	£15
Note Invaders	Cha	£17
Numbers and Pictures	Cha	£17
Numerator	Lon	£65
Numerator Chaos	Lon	£18
Office Tools	Sil	£278
Olympics	4th	£15
Ovation	Bee	£79
Payroll	Min	£129
Pendown	Lon	£50
– Extra Outline Fonts	Lon	£18
Personal Accounts	Apr	£23
PipeDream 3	Col	£118
Pirate	Cha	£17
Poster	4ma	£79
Powerband	4th	£20
Prehistoric Animals ᴾ	MicS	£17
Premier	Cir	£71
– DataBase	Cir	£25
– WordProc	Cir	£25
Presentation System	Sil	£61
Presenter Story	Lin	£149
Presenter II	Lin	£36
Printer Drivers, RISC OS	Ace	
– Epson / Star / Citizen colour		£13
Pro Artisan	Cla	£74
Professional PDT CAD	Oak	£353
Protext	Arn	£117
Puncman 1 and 2	Cha	£17
Puncman 3 and 4	Cha	£17
Puncman 5 to 7	Cha	£17
Real McCoy	4th	£24
Realtime Solids Modeller	Sil	£139
Render Bender	Cla	£58
Revelation	Lon	£68
Reversals	Cha	£17
Rhapsody	Cla	£35
RiscBASIC Compiler	Sil	£113
RiscForth Compiler	Sil	£113
RISC OS Companion Vol 1		
	Oak	£49
RISC OS Programmer's Reference Manual	Aco	ᵛᴼ £75
RoboLogo	Sil	£75
Schema ✔	Cla	**£89**
School Administrator	Min	£69
Score PMS	Emr	£499
ShareHolder	Sil	£139
ShowPage	CC	£125
Sigma Sheet	Min	£53
Snippet	4ma	£26
SolidCAD	Sil	£109
SolidsRender	Sil	£109
SolidTools	Sil	£279
Spark	Pil	£5
Spelling - week by week	Cha	£19
Splice	Ace	£25
Squirrel	Dig	£105
– Econet or site licence		£475
Studio 24 Plus	Emr	£149
Super-Dump	Sil	£24
Super-Plot	Sil	£32
System Delta Plus II	Min	£54

Timewatch	Mit	£26
Toolkit Plus	Cla	£37
Tools Graphics ᴰ	MicS	£25
Touch Type	Iot	£41
Tracer	Mid	£48
Tween	Ace	£25
TWO (Task and Window Organiser)	ICS	£19
– site licence		£60
Utility Disc 1	Dat	£12
Utility Disc 2	Dat	£12
View»Mac 3	Hum	£65
– Arc/Mac Cable		£24
Wimp Game	4th	£15
Wordpower (Archimedes)	ICS	£36
– site licence (extra)		£100
Words and Pictures	Cha	£17
World Geography Maps ᴰ	MicS	£75
World Wildlife ᴾ	MicS	£17
1st Word Plus	Aco	£69

PRINTERS

ArcLaser	Cal	£904
Bubble Jet BJ-10e	Can	£276
– Sheet feeder		£54
Bubble Jet BJ-300	Can	£455
Bubble Jet BJ-330	Can	£535
KX-P1123	Pana	£199
KX-P1124	Pana	£226
– 32k ram for KX-P1123 / 4		£20
KX-P1624	Pana	£369
Laser Direct Qume	CC	£856
Laser Direct LBP-4 Card	CC	£309
Laser Direct LBP-8 8 ppm		
600 dpi including toner	CC	£1340
LBP-4 4 ppm	Can	£750
LC24-10 32k ram card	Sta	£61
Swift 24 Colour	Cit	£279
Rebuilt Canon Toner cartridge		£45
Archimedes parallel printer cable		£8

ODDULES

AnDi	Bai	£49
Oddule Adaptor	Bai	£8
(needed with your first Oddule unless you have an I²C socket)		

FUNCTION KEY STRIP ORGANISER

Arckey	ICS	ᵛᴼ £3
· quantity of 4		ᵛᴼ £10

MEMORY, ARM3 ETC

Fitting extra unless stated
† *Fitting is straightforward*
‡ *Fitting requires expertise*

A3000 2Mb †	Ife	£69
A3000 4Mb †	Ife	£243
A310 2Mb ‡	Ife	£215
· as above including fitting		£259
A310 4Mb †	Ife	£259
·· as above including fitting		£309
8Mb A400/1 / A440 / R140		
	Ato	£699
ARM3		£400
4-slot 4-layer Backplane	Ife	£57

idea

HARD DISC UPGRADES AND ACCESSORIES

☆ LOWER PRICES!

A number at the end of a product name is the capacity in megabytes. Our 'upgrades' are fully guaranteed and include the IdeA controller card, a fan (where needed), and everything else you will require. A backplane is optional on the A310, but if you do use one it must be a four-layer type.

A300/400/500 series internal upgrade

IDEARCIN40	28ms ☆	£299
IDEARCIN80	19ms ☆	£449
IDEARCIN135	28ms	£699
IDEARCIN200	15ms	£899

A300/400/500 series external upgrade
(May also be fitted to A3000 external expansion slot using a podule case)

IDEARCEX40	28ms	£429
IDEARCEX80	19ms	£579
IDEARCEX135	28ms	£829
IDEARCEX200	15ms	£999

A3000 fully internal upgrade

IDEA3IN20	23ms ☆	£375
IDEA3IN40		EPOA
IDEA3IN60		EPOA
Fitting if required		£25

A3000 external upgrade
(External drive using internal expansion slot; can combine with PRES Disc Buffer Board using adaptor)
IDEA3EX40 etc
– prices as for IDEARCEX40 etc

Additional hard discs
(The following hard discs are only one inch high and may be double-banked in the same cradle or external case, sharing the one controller card)

IDEA80	80Mb	19ms	£299

A3000 accessories

IC PLINTH		£21

ideA controller cards and accessories
(For use with your own IDE hard discs; we can only accept responsibility for performance with discs we have tested ourselves)

IDEARCIN Archimedes Intern		£110
IDEARCFX Archimedes Extern		£130
IDEA3EX A3000 External		£140
Internal hard disc cradle kit		£15
Fan kit (Standard)		£10
Case with power supply & fan		£125
Fan kit (A3000 Internal)		£15

Recommended for backing up
Beebug Hard Disc Companion £35

Recommended for ease of use
ICS Task & Window Organiser £19

KEYBOARD COVERS

Seal 'n Type (spill-proof)

– Archimedes	Kad	£14
– A3000	Kad	£14

SCANNERS

i-Scan	Irl	£587
Scan-Light A4	CC	£341
· as above + Sheet Feeder		£432
Scan-Light Junior	CC	£175
– A3000 version (internal)		£175

ICS FONTS

1st Word Plus **First Fonts**
PipeDream **PipeDrivers**
Wordpower **Power Fonts**

Please ask for details of our range of Symbol Sets and Typefaces for most printers. For example:

Star LC-10 typefaces
Black, Caldy, Outline, Pensby, Raby, Shadow, Universal   £19

PipeDriver Dot 1
For dot matrix printers with more features than PipeDream knows what to do with – provides access to resident and download fonts, ink colours, variable print size and line spacing etc   £10

NEWS IN BRIEF

➤ The first of the I²C Oddules – the AnDi – is now available.

➤ Improve your productivity with **Cross-32**, the new RISC OS table-based Assembler for professionals.

➤ **TWO** clicks are all you need to start a complex job with the Task and Window Organiser.

More details overleaf.

NO VAT INCREASE UNTIL MAY!

JUST ADD 15% to the prices shown (cash sales only)

ABBREVIATIONS

		Cit	Citizen	Mit	Mitre
		Cla	Clares	Min	Minerva
Ace	Ace	Col	Colton	Oak	Oak
Aco	Acorn	Dat	Data Store	Pana	Panasonic
Apr	Apricote	Dig	Digital Services	Pand	Pandora
Arm	Armadillo	Emr	EMR	Pil	David Pilling
Arn	Armor	Hum	Human-Computer	Ser	Serial Port
Arx	Arxe	ICS	Ian Copestake	Sil	Silicon Vision
Ato	Atomwide	Ife	IFEL	Sim	Simtron
Aut	Autodesk	Iot	Iota	Sta	Star
Bai	Baildon Electronics	Irl	Irlam	Tec	TechSoft
Bee	Beebug	Kad	Kador	4ma	4Mation
Cal	Calligraph	Lin	Lingenuity	4th	Fourth Dimension
Can	Canon	Lon	Longman Logotron		
CC	ComputerConcepts	MicP	Micro Power	ᴰ	Draw format
Cha	Chalksoft	MicS	Micro Studio	ᴾ	Paint format
Cir	Circle	Mid	Midnight Graphics	✔	On special offer!

E&OE 5036 91(MR)3

What's TWO do?

TWO consists of three parts: a Task Organiser, a Window Organiser, and a few Useful Extras – all for £19.

The task organiser allows you to group several jobs together under one name and perform them all with a single action. This one action might load some fonts, install a printer driver, and start up a desktop publishing program with a particular file open and a directory displayed.

The task can be performed automatically when the computer is switched on, but it may also be selected from a simple list on screen. Other jobs can be shut down automatically to free memory.

Defining a task is just a matter of dragging icons to a dialogue box. 42 tasks can be available at one time, each performing up to five jobs.

You can call the task anything from "Start DTP with Font Set A" to "Jenny's Revision Schedule". Inexperienced users will find it easy to start work using a list of tasks set up by a teacher.

TWO is especially useful when you have a hard disc.

The window organiser provides three ways of tidying up the windows displayed on screen. They are reduced in size, then placed in a single pile, or stacked so that just the title bars are visible, or organised into separate areas.

A single click on the mouse will bring a window from the back to the front, even if it is not visible. You can also close all windows at once.

Individual windows may be tagged so that they are not tidied or closed.

The useful extras

• Timed screen blanking.
• Menu for *Copy and *Wipe options.
• Simplified *Backup.
• Easy control of *Configure settings, password-protected.
• Easy creation of Obey files.

Cross-32 Meta-Assembler

This table-based cross-assembler compiles programs for over 50 target processors (including ARM2 and 3), and has been available for some time on PCs. We are releasing a RISC OS desktop version by Baildon Electronics in March. Cross-32 is user-friendly and supports conditional assembly and macros. Output is in absolute binary, or Intel or Motorola Hex formats (ideal for most eprom programmers and emulators).

You can modify the tables supplied or add new ones to cater for new processors and opcodes. Cross-32 awaits your instructions at £175.

Oddules

An exciting new series of low-cost I/O expansion units by Baildon Electronics uses the I²C fast synchronous serial bus interface present in Archimedes computers. Communicating at up to 100 kbits/sec through just four wires, Oddules can be combined to suit your own needs.

Ready in March at only £49, the AnDi Oddule is an 8 bit digital I/O port with A/D and D/A conversion. It drives relays, motors and lamps as well as logic, and can take 10,000 samples per second.

Oddules to follow include an external VDU controller, teletext data acquisition and video text overlay systems, an autonomous I²C data interface, speech synthesizer, multimeter and counter/timer.

PipeDrivers

If your dot matrix printer has more features than Pipe-Dream knows what to do with, you need Pipe-Driver

Dot 1. It provides access to resident and download fonts, ink colours, variable print size and line spacing etc.

Like our First Fonts for 1st Word Plus and Power Fonts for Wordpower, PipeDrivers can make foreign language and scientific word-processing a pleasure. And our 24-pin and LC-10 typefaces will brighten your output at full printer speed.

DrawBender

DrawBender distorts Draw files to follow a shape of your choice. A useful addition or cheap alternative to Poster, available with or without these **three** decorative fonts. The example above uses DrawBender with **FontFX**.

"FlexFX" came top in our new name competition – a £25 voucher goes to the winner. And to the customer who suggested Corset and OoLaLa – keep taking the tablets!

BET (BASIC Editor and Toolkit)

BBC, Master and Electron users will find BET makes the creation and editing of BASIC programs a real pleasure and encourages the development of a good programming style. Full details on request.

Wordpower

Still the best for the Electron, Master and BBC.

"I have yet to find a word-processor that gets close to it for usability and quality of output," said BEEBUG lately.

Arckeys

With more applications on the market a function key strip organiser is indispensable. Arckey users do it without glue! Suitable for BBC and Master too.

A3000 Hard Discs – some inside information

"NEAT"

Those visiting our stands at recent exhibitions have already marvelled at the sight of an *ideA* hard disc inside an A3000. Some had assumed it must replace the floppy drive: not so. The 2½" disc comes ready-mounted on its controller board, and simply plugs into the internal expansion slot. (Though fitting is easy, A3000s with unprotected power supplies should only be opened by a qualified dealer).

"COOL"

Contrary to certain rumours, the *ideA* disc does not get hot. Its up-to-the-minute design even includes a 'power save' feature – it switches off when not in use. A respectable 23ms average access time speeds up your work, and auto-parking is standard.

"TOTALLY OUT OF SIGHT"

A fully internal hard disc is the perfect answer. It adds hardly any weight to your A3000, which can still be moved easily from one place to another. A second mains connection is not needed (no extra wires or sockets to worry about). None of your precious working space is sacrificed to an external casing. Hidden from sight, the *ideA* disc is protected from accidental damage (it has been designed to survive in a portable computer).

In use, the *ideA* system looks just like ADFS. All RISC OS compliant software works correctly, as does the PC Emulator. Hard discs supplied by us are formatted, tested and guaranteed. Our upgrade prices include the controller card and all necessary fittings (though we can also supply components separately).

"OH, AND A SMALL PRICE BREAKTHROUGH"

The 20 Mb A3000 Internal upgrade (IDEA3IN20) is now available for a remarkable £375. Collection and fitting cost £25 if required. Carriage is free on prepaid orders; VAT is extra. We hope to have a 60 Mb version very soon. Internal upgrades for the A300/400/500 series are also available now, e.g. the 40 Mb (IDEARCIN40) at £299. Please see our main price list. External upgrades for all computers will be ready by April. These will allow a second hard disc to be fitted in the same compact housing in case you need to expand in the future.

Be an insider for £375.

Get the *ideA*

Iam Copestake Software

051-648 6287

Ian Copestake Software

RETAIL PRICE LIST
17th February 1991

VAT UK customers please add 15% to the total price, except for the zero-rated items marked VD.

Carriage Free in mainland UK if you pay on ordering.

Overseas Add £6 (Europe) or £12 (elsewhere) for each software item, and pay by credit card or pounds sterling bank draft payable in England (add £10 + 1% of total price if you can only pay in your own currency).

Credit cards are welcome. The name and address for delivery of goods must be as known to the credit card company. If you are leaving an order on our answering machine include your telephone number (home will do), the expiry date of your card, and your calculation of the total payment due.

Official orders welcome. Payment due in 14 days. Invoices subject to carriage and late payment charges.

Site licences Please enquire if no price is shown.

All products, prices and specifications are offered in good faith and are subject to change without notice. Your order will receive our attention immediately, but suppliers sometimes keep us waiting.

Goods are guaranteed but we do not supply them on approval.

BBC / MASTER / ELECTRON SOFTWARE

BET Basic Editor and Toolkit		
– rom module	ICS	£19
– rom in cartridge	ICS	£25
Powerfont NTQ	ICS	£13
Power Fonts	ICS	
– see separate panel		
Spellmaster rom	CC	£52
Wordpower	ICS	£36
– site licence (extra)		£100
– extra rom		£7
– extra manual		VD£7

ARCHIMEDES SOFTWARE

If it's not on the list, ask for a quote. We always try to match the best prices.

ABC Basic Compiler	Oak	£69
Accounts	Min	£243
ANSI C Release 3	Aco	£125
Archway (now available)	Sim	£85
ArcLight	Ace	£40
ARC-PCB	Sil	£139
– Professional	Sil	£277
Armadeus	Cla	£59
Artisan II	Cla	£44
Artisan Gallery	Cla	£16
Atelier	Min	£67
Autosketch CAD	Aut	£69
Chocks Away	4th	£21
Clip Art (Draw format)	Mid	£29
Craftshop 1	4ma	£28
– network version		£34

KEY TO MAKERS					
		Cir	Circle	Mid	Midnight Graphics
		Cit	Citizen	Mit	Mitre
Ace	Ace	Cla	Clares	Min	Minerva
Aco	Acorn	Col	Colton	Oak	Oak
Ale	Aleph One	Dat	Data Store	Pana	Panasonic
Apr	Apricote	Dig	Digital Services	Pand	Pandora
Arm	Armadillo	Emr	EMR	Ser	Serial Port
Arn	Armor	Eps	Epson	Sha	Sharp
Arx	Arxe	Hum	Human-Computer	Sil	Silicon Vision
Aut	Autodesk	ICS	Ian Copestake	Sim	Simtron
Bai	Baildon Electronics	Ife	IFEL	Sta	Star
Bee	Beebug	Irl	Irlam	Tax	Taxan
Cal	Calligraph	Kad	Kador	Tec	TechSoft
Can	Canon	Lin	Lingenuity	4ma	4Mation
CC	Computer Concepts	Lon	Longman Logotron	4th	Fourth Dimension

Craftshop 2	4ma	£28
– network version		£34
Cross-32 Meta-Assembler	Bai	£175
DataVision	Sil	£113
Designer Intro	Tec	£75
Desktop Enhancer	Mit	£26
Desktop Office	Min	£96
Desktop Publisher	Aco	£110
Disc Tree	Mit	£37
DrawBender	ICS	£10
– DrawBender + Fonts		£12
– site licence		£50
Easiword	Min	£31
Equasor	CC	£44
Euclid 2	Ace	£54
Expression-PS	CC	£20
Film-Maker	Sil	£75
Financial Accountant	Sil	£204
First Fonts – see separate panel		
FlexiFile	Min	£113
Flying Start II	Mit	£86
FontFX	Dat	£8
– site licence (total)		£60
Font Pack	Aco	
– Newhall		£41
– Starter		£41
– Symbol		£41
Font Pack	Bee	
– 1 (already included with Ovation):		
Paladin, Swiss B, SymbolB, Vogue		£43
– 2: Bookman, Chancery, Courier, Garamond		£POA
– 3: Dingbats, New Century Schoolbook, Optima, Times		£POA
Font Pack	CC	
– Avant Garde		£29
– Bookman		£29
– Pembroke		£29
Fourier Analysis	Arm	£60
Gammaplot	Min	£52
Gate Array Design/Teaching	Sil	£113
Genesis II	Oak	£113
– education price		£99
GerberPlot	Sil	£92
Hard Disc Companion	Bee	£35
Hearsay	Bee	£51
Hotlink Presenter	Lin	£43
Impression 2	CC	£135
– network version		£650
– site licence		£545
– extra hardware key for sites		£15
– extra manual for sites		£8
Impression Junior	CC	£74
– site licence		£435

– extra manual for sites		£7
Inspiration	Pand	£POA
Interdictor 2	Cla	£27
Investigator 2	Ser	£23
ISO C Devt System	Bee	£77
Jiglet	4ma	£26
Jigsaw	4ma	£28
Knowledge Organiser	Cla	£47
Logo	Lon	£55
Magpie	Lon	£39
– from 1st April		£50
Mogul	Ace	£17
MultiFS	Arx	£27
Multistore	Min	£197
– site licence (total, 30 computers)		£1250
Numerator	Lon	£65
Office Tools	Sil	£278
Ovation	Bee	£79
Payroll	Min	£129
Pendown	Lon	£50
– Extra Outline Fonts	Lon	£18
Personal Accounts (vrsn 2)	Apr	£23
PipeDream 3	Col	£118
PipeDrivers – see separate panel		
Poster	4ma	£79
Power Fonts – see separate panel		
Premier	Cir	£71
– DataBase	Cir	£25
– WordProc	Cir	£25
Presentation System	Sil	£61
Presenter Story	Lin	£149
Presenter II	Lin	£36
Printer Drivers, RISC OS	Ace	
– Epson / Star / Citizen colour		£13
Pro Artisan	Cla	£74
Professional PDT CAD	Oak	£353
Protext	Arn	£117
Realtime Solids Modeller	Sil	£139
Render Bender	Cla	£58
Revelation	Lon	£54
– from 1st April		£70
Rhapsody	Cla	£35
RiscBASIC Compiler	Sil	£113
RiscForth Compiler	Sil	£113
RISC OS Companion Vol 1	Oak	£49
RoboLogo	Sil	£75
Schema	Cla	£96
School Administrator	Min	£69
Score PMS	Emr	£499
ShareHolder	Sil	£139
ShowPage	CC	£135
Sigma Sheet	Min	£53
Snippet	4ma	£26
SolidCAD	Sil	£113
SolidsRender	Sil	£113

SolidTools	Sil	£279
Splice	Ace	£25
Squirrel	Dig	£109
– Econet version		£459
– site licence		£475
Studio 24 Plus	Emr	£149
Super-Dump	Sil	£24
Super-Plot	Sil	£32
System Delta Plus II	Min	£54
Tempest	Cla	£97
Timewatch	Mit	£26
Toolkit Plus	Cla	£37
Tracer	Mid	£52
Tween	Ace	£25
TWO (Task and Window Organiser)	ICS	£19
– site licence		£60
Utility Disc 1	Dat	£13
View»Mac 3 with Cable	Hum	£89
Wordpower (Archimedes)	ICS	£36
– site licence (extra)		£100
1st Word Plus	Aco	£64

FACSIMILE MACHINE

FO-2100 (full-feature, Mercury-compatible)	Sha	£799
– 12-month warranty		£59

PRINTERS

ArcLaser	Cal	£904
Bubble Jet BJ-10e	Can	£276
– Sheet feeder		£54
Bubble Jet BJ-300	Can	£455
Bubble Jet BJ-330	Can	£535
GQ-5000 (12-month on-site maintenance)	Eps	£879
KX-P1123	Pana	£199
KX-P1124	Pana	£226
– 32k ram for KX-P1123 / 4		£20
KX-P1624	Pana	£369
KX-P4420 8ppm	Pana	£792
KX-P4450i	Pana	£1275
– 1Mbyte upgrade		£299
Laser Direct Qume	CC	£856
Laser Direct LBP-4 Card	CC	£321
Laser Direct LBP-8 8 ppm 600 dpi including toner	CC	£1299
LBP-4 4 ppm	Can	£750
LC24-10 32k ram card	Sta	£61
Swift 24 Colour	Cit	£279
Rebuilt Canon Toner cartridge		£45
Archimedes parallel printer cable		£8

MONITOR

Multivision 795	Tax	£479

SCANNERS

i-Scan	Irl	£587
Scan-Light A4	CC	£369
– as above + Sheet Feeder		£460
Scan-Light Junior	CC	£175
– A3000 version (internal)		£175

UPGRADES

Fitting extra unless otherwise stated
† Fitting requires expertise

A3000 2Mb	Ato	£69
A3000 2Mb	Ife	£69
A3000 4Mb	Ato	£239
A3000 4Mb	Ife	£243
A310 2Mb †	Ife	£216
– as above including fitting		£259
A310 4Mb †	Ife	£299
– as above including fitting		£345
8Mb A400/1 / A440 / R140	Ato	£899
ARM3	Ale	£400
4-slot 4-layer Backplane	Ife	£57

ODDULES

AnDi	Bai	£49

FUNCTION KEY STRIP ORGANISER

Arckey	ICS	VD£3
– quantity of 4		VD£10

KEYBOARD COVERS

Seal 'n Type (spill-proof)

– Archimedes	Kad	£14
– A3000	Kad	£14

idea

HARD DISC UPGRADES AND ACCESSORIES

☆ NEW LOW PRICES!

A number at the end of a product name is the capacity in megabytes.

Our 'upgrades' include the idea controller, a fan and everything else you will need. A backplane is optional on the A310, but if you do use one it must be a four-layer type.

A300/400/500 series internal upgrade

IDEARCIN40	28ms	☆	£299
IDEARCIN80	19ms	☆	£449
IDEARCIN135	28ms		£699
IDEARCIN200	15ms		£899

A300/400/500 series external upgrade
– ready April

IDEARCEX40	28ms	£399
IDEARCEX80	19ms	£549
IDEARCEX135	28ms	£799
IDEARCEX200	15ms	£999

A3000 internal upgrade

IDEA3IN20	23ms	☆	£375
IDEA3IN60			£POA
Fitting if required			£25

A3000 external upgrade
Ready soon

A3000 accessories

IC PLINTH		£21

idea controller cards and accessories
(For use with your own IDE hard discs; we can only accept responsibility for performance with discs we have tested ourselves)

IDEARCIN Archimedes Internal		£110
Hard disc cradle kit		£16
Fan kit		£10
IDEARCEX Archimedes External		£130
IDEA3EX A3000 External		£140
Case with psu		£POA

Recommended for backing up

Beebug Hard Disc Companion		£35

Recommended for ease of use

ICS Task and Window Organiser		£19

ICS FONTS

1st Word Plus **First Fonts**
PipeDream **PipeDrivers**
Wordpower **Power Fonts**

Please tell us which of the above you need and specify your printer make and model. A more detailed list of fonts is available.

Site licence   £50
For multiple use of First Fonts or PipeDrivers. (Power Fonts are covered by a Wordpower site licence).

Symbol sets
e.g. Chemistry, Czech, ICS1 (Forms Design), ICS2 (IBM characters), Latin 1 (includes French, German, Italian, Spanish), Latin 2, Latin 3 (includes Esperanto), Latin 4, Mathematics & Physics, Russian

– for dot matrix	£19
– for laser	£29

24-pin & HP laser typefaces
Bodmin, Neston, Old English, Personal, Royden, Shadow and Initials, Universal 8pt, Universal 10pt, Universal 12pt, Weimar Fraktur

– 24-pin: any 3 faces	£29
– laser: any 3 weights	£29

Star LC-10 typefaces
Black, Caldy, Outline, Pensby, Raby, Shadow, Universal

– any 4	£19
– all 7	£29

PipeDriver Dot 1   £10

Powerfont NTQ   £13
Provides near letter quality on ordinary 9-pin printers. Required for some Power Fonts.

E&OE SO36 9IIC17

E-Type – £18...(3.2.49)
E-Type Designer – £16 ....(3.3.2)
E-Type Extra 100 miles – £16 ....(3.3.2)
Family Favourites – £18 ....(3.4.2)
Fireball II – £23 ....(3.5.41)
Freddy's Folly – £14........................(2.1.45)
Holed Out – £18 ....(2.9.38)
Holed Out Extra Coures 1 – £16 ....(2.10.5)
Holed Out Extra Coures 2 – £16 ....(2.10.5)
Holed Out Designer – £18 ....(3.3.2)
Hoverbod – £14...............................(1.10.47)
Ibix the Viking – £18 ....(3.1.45)
Interdictor – £30 ....(3.2.40)

Joystick for Interdictor – £28 ....
Jet Fighter – £14 ....(2.3.2)
• Maddingly Hall – £14.......................(3.8.3)
Minotaur – £14...................................(1.3.34)
Missile Control – £14.......................(1.10.47)
• Olympics – £19 ....(3.8.4)
Orion – £14 ....(2.1.45)
Pacmania – £18 ....(2.4.29)
Plague Planet – £11...........................(2.10.48)
Return to Doom – £19 ....
Last Days of Doom – £19 ....(3.7.3)
Repton 3 – £18 ....(2.3.2)
Rotor – £23 ....(3.7.3)
Quazer – £11 ....(1.10.47)
Star Trader – £16 ....(2.5.31)
• Talisman – £14 ....(3.8.4)
Terramex – £18 ....
Thundermonk – £14 ....(2.5.3)
Trivial Pursuit – £27 ....(3.6.41)
U.I.M. – £28 ....(3.7.21)
WordUpWordDown – £16....................(2.5.31)
Zarch – £18 ....(1.2.33)

Z88

Z88 Computer – £230
128k ram pack – £49
128k eprom pack – £49
Eprom eraser – £39
Archimedes link – £35
Carrying case – £10
Mains Adaptor – £10

Backplanes Reduced to Clear

Atomwide have stopped producing 4-slot backplanes and are concentrating on their other more inovative projects. We have several of their backplanes in stock and are reducing them from £63 to £45 to clear them. If you want one of these backplanes, please either send a separate cheque, or telephone to check their availability.

Special Offer on Pro-Artisan

We have a few too many copies of Pro-Artisan and so will sell them for £75 while stocks last.

Joysticks NOT in short supply

The Voltmace joysticks which simply replace the Archimedes' mouse (£29.95 or £28 through Archive) are NOW AVAILABLE!!!!!!

Monitors galore

We now have an extended range of monitors for the Archimedes. In the medium resolution range, in addition to the Acorn 14" at £250, we have the Microvitec 14" (also £250) of similar quality but in a rectangular metal case – much easier to stand your mugs of coffee on(!) and the Phillips CM8833 (£280) which is similar to the Acorn monitor but with a separate composite video input, useful for direct video work, and stereo speakers. For higher resolution work, we have two multi-syncs, the Oak 20" colour monitor (£1550) which makes such a difference to the effective use of the computer – you can spread your applications windows around the screen and work on them much more easily, and to make use of the hi-res mono output of the 440 or 400/1 series computers, the Eizo 21" mono – paper white, flat screen at £1050.

Shareware 26 is ready

Shareware 24 and 25 were mentioned in the magazine but we now also have Shareware 26 ready. It contains: Desktop phone book, PCB designer, Player for Maestro tunes (this uses less memory and so it will play the huge tune files on Shareware 11 that hitherto have had to be played using the old 'Arthur' version of Maestro), Voices and tunes for Maestro, Desktop file access editor, Program to display Draw files, Text adventure game.

A400 series prices

We are able to make special deals on ram and hard drives if they are purchased at the same time as the A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra ram fitted at £70 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a 420/1 equivalent is £1260 + £70 + £200 = £1530 and a 440/1 costs £1260 + 3 * £70 + £390 = £1860.

If you want an Acorn monitor at the same time, add £230 and if you want an Eizo 9060SZ low-radiation, multi-sync monitor at the same time, add £510.

Archive Members' Price List – May 1990

(All prices include VAT and UK carriage)
(Numbers in brackets refer to issues of Archive magazine.)

Shareware Discs Nº 0 to 26 – £3 each
Careware Discs Nº 1 to 7 – £6 each
(See 3.3 p 52 for a summary of S/W's 0 to 17 and C/W 1 to 4.)
• Shareware Nº 24 – £3 ....(3.8.4)
• Shareware Nº 25 – £3 (Maths Compendium)..(3.8.4)
• Shareware Nº 26 – £3......................................(page 4)
• Careware Nº 7 (inc. PCDir 1.00) – £6 ....(3.8.2)
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3 .....
Program Discs 1.7, 1.8, 1.9 etc – £3 each ....(3.8.2)
WIMP Template Editor – £8 ....(2.5.29)
Archive Back issues – £2 each ....
Binder volume 1, 2 or 3 – £5 ....(1.7.3)
3.5" Discs, top quality branded – 10 for £15 ....
Printer cable – £10 ....
Keyboard extension cable – £8 ....
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover – £11 ....

Hard Drives – SCSI
Lingenuity SCSI Drives ....(2.11.2, 3.2.10, 3.4.15)
SCSI hard disc podule for A310 – £215
20M internal drive + SCSI pod (A300/400) – £410
45M internal drive + SCSI pod (A300/400) – £545
70M internal drive + SCSI pod (A300/400) – £870
100M internal drive + SCSI pod (A300/400) – £910
200M internal drive + SCSI pod (A300/400) – £1355
20M external SCSI drive – £390
45M external SCSI drive – £525
70M external SCSI drive – £850
100M external SCSI drive – £890
200M external SCSI drive – £1325
Acorn SCSI podule – £320 § ....(3.6.25)
Oak Computers' SCSI Drives (2.11.2, 3.2.10, 3.4.15)
20M internal drive + SCSI pod (A300/400) – £400
45M internal drive + SCSI pod (A300/400) – £525
80M internal drive + SCSI pod (A300/400) – £810
100M internal drive + SCSI pod (A300/400) – £1150
200M internal drive + SCSI pod (A300/400) – £1470
SCSI hard disc podule (A300/400) – £220
20M external drive + SCSI pod (A300/400) – £560
45M external drive + SCSI pod (A300/400) – £655
80M external drive + SCSI pod (A300/400) – £970
100M external drive + SCSI pod (A300/400) – £1270
200M external drive + SCSI pod (A300/400) – £1640
330M external drive + SCSI pod (A300/400) – £2870
560M Magneto-Optical drive – £4840
Data cartridges for Magneto-Optical drive – £310
SCSI pod + ext drive for A3000 in various sizes
SCSI hard disc podule for A3000 – £220
(external drive prices as for A300/400)

Oak SCSI Tape streamers...........................(3.4.3)
60M SCSI Tape streamer – £995
150M SCSI Tape streamer – £1250
1 Gb SCSI Tapestreamer – £4030 ....(3.7.2)
Computerware SCSI Drives.......................(3.4.16)
Internal 100M drive (without podule) – £790
Internal 200M drive (without podule) – £1230
External 100M drive (without podule) – £890
External 200M drive (without podule) – £1330

Hard Drives – ST506
Computerware ST506 Hard Drives...............(2.9.54)
Internal 20M drive + podule – £390
Internal 40M drive + podule – £570
Internal 47M drive + podule – £660
Hard Disc Podule (inc metalwork/cables) – £220
External 20M drive + psu – £335
External 40M drive + psu – £485
External 60M drive + psu – £740
Internal 20M (22ms) drive for A410 – £230
Internal 40M (24ms) drive for A410 – £380
Internal 47M (22ms) drive for A410 – £490
• Hard disc mounting kit for A410 – £19 ....(3.8.3)
Oak ST506 Hard Drives.................................(3.7.2)
Internal 20M (28ms) drive for A410 – £210
Internal 40M (28ms) drive for A410 – £330
Internal 47M (28ms) drive for A410 – £410

Hardware – General
A410/1 – £1260 § (inc £100 free s/ware) ......(page iv)
Ram A410/1 – £80 per Mb (+ £10 if fitting req'd) ....
Single Ram chips (in case you damage one!) – £12
A3000 computer – £680 § (inc £50 free s/ware) ....
Monitor stand – £33 ....
User Port & Midi – £52 § ....
Midi upgrade software – £10 § ....(3.6.2)
User Port & Analogue Port (Morley) – £72.....(3.6.2)
Econet Upgrade – £52 § ....
Serial upgrade – £20 § ....
Ext 3.5" drive for A3000 – £135....................(3.6.2)
1 Mb A3000 upgrade (Morley) – £110 ...(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £330 ...(3.3.3/3.6.2)
Monitors
Acorn (Philips) colour monitor – £250 § ....
• Philips CM8833 14" colour monitor – £280 .(page 4)
• Microvitec 14" colour monitor – £250..........(page 4)
Eizo 9060SZ 14" multi-sync colour – £530.....(3.7.2)
• Oak 20" multi-sync colour – £1550 ....(page 4)
• Eizo 21" hi-res paper white – £1050.............(page 4)
Backplanes (all include fan)
Acorn 4-layer 2-slot – £42 § ....
• Atomwide 4-slot – £45 (while stocks last) ....(page 4)
Computerware 4-slot – £56 ....
I.F.E.L. 4-layer 4-slot – £66 ....

Upgrades

- VIDC Enhancer – £35 ....(3.8.4)
Replacement Mouse – £55 § ....(3.5.3)
Replacement 3.5" drive for 310 – £70 ....(3.5.3)
Replacement 3.5" drive for 400/1 – £70 ....(3.5.3)
2nd internal 3.5" drive for A310 – £122 ....
2nd internal 3.5" drive for A410 – £122 ....
5.25" Interface (Watford) – £29 ....
1/2 meg RAM upgrade for A305 – £130 § ....
2M / 310 (Comp'ware) – £375 (inc fitting) ....(3.8.6)
4M / 310 (Comp'ware) – £585 (inc fitting) ....(3.8.6)
2M upgrade / 310 (Watford) – £330 .....(3.4.10, 3.5.17)
4M upgrade / 310 (Watford) – £575 .....(3.4.10, 3.5.17)
- Upgrade to 8M for 440 (Atomwide) – £890....(3.7.2)
MEMC1a upgrade for 310/440 – £74 ....(3.2.3)
ARM3 – 30MHz (Aleph One) – £650 ....(3.1.33)
Panasonic KXP1081 9-pin printer – £175 ....
Panasonic KXP1124 24-pin printer – £275 ....
32k buffer chip for KXP1124 – £19 ....
Panasonic KXP4450 laser printer – £1530 ....
Printer cable – £10 ....
ROM Podule – £53 ....(1.7.44)
   with battery backup – £63 ....
   32k RAM chips – £17 ....
Atomwide prototyping boards ....(2.12.2)
   Bare board with V1.1 ROM – £27 ....
   Fully built with ROM – £38 ....
   Fully built with RAM – £40 ....
Econet module – £46 § ....
Floating Point Co-Processor – £635 § ....(3.6.3)
I/O Podule – £84 § ....(1.7.38)
New software for I/O Podule – £12 § ....(3.6.2)
Joystick (Voltmace) – £28 ....
Midi podule – £74 § ....(3.2.26)
Midi podule upgrade software – £15 § ....(3.6.2)
Marconi Trackerball – £55 ....
Watford Hand Scanner – £176......................(3.6.49)
ScanLight – £495 ....(2.12.49)
ScanLight Junior – £205 ....
Watford Graphics Tablet – £305 ....
Colour Digitiser (Wild Vision) – £360 ....(3.7.13)
Watford Video Digitiser – £289 ....(1.9.45)
Lingenuity Colour Converter – £185 ....(2.2.2/3)

Languages

ABC–2 BASIC Compiler – £89 ....(2.5.16)
ABC Dynamic Extensions – £45 ....(3.1.2)
Acorn Assembler – £195 § ....(3.4.51)
Adventure Lang Prog System (ALPS) – £29 ...(3.3.50)
ANSI–C (Release 3) – £145 § ....
Cambridge Pascal – £70..(3.4.27)
C Front End – £18 ....(3.4.49)
C Dabhand Guide – £14.................................(2.1.28)
C Guide Disc – £8...
Iso-Pascal (Rel. 2) – £99 § ....(1.9.24 + 1.11.14)
Fortran 77 (Rel. 2) – £99 § ....(1.7.26)

Lisp – £199 § ....(1.12.14 + 2.3.37)
Logotron Logo – £64 ....(1.11.50)
Prolog System X – £179 § ....(2.10.34)
Risc BASIC Compiler – £89 ....(2.9.32)
Risc Forth – £89 ....(2.2.23)
Twin Editor – £29 § ....
Wingpass Macro Assembler V2 – £47 ....(2.8.41)

Word-Processors, DTP, etc

DTP from Acorn – £145 § ....(2.12.41)
First Word Plus Release 2 – £82 § ....(3.4.40)
First Word Plus Extended Dictionary – £7 ....(2.8.30)
First Fonts, Maths/Scientific – £20 ....(2.1.32)
Graphic Writer – £27 ....(1.6.12)
Impression DTP – £155 ....(3.2.59)
Inter-Word ROM – £42 ....(1.1.20)
Inter-Word disc – £30 ....(1.1.20)
Keyword – £18 ....(3.3.32)
Maps of the World – £28 ....(3.7.3)
SpellMaster ROM – £55 ....(1.10.34)
SpellMaster disc – £41 ....(1.10.34)
Wordwise Plus A (80 column) – £30 ....(3.5.5)
Wordwise Plus A (upgrade from BBC) – £10 ..(1.2.20)

Art / Drawing etc Packages

ArcImEd – £23 ....(1.12.42)
ArcPCB – £170 ....(2.1.2)
ArcPCB Professional – £320 ....(3.1.4)
Artisan 2 – £55 ....(3.5.53)
Artisan 2 upgrade (return Artisan disc) – £28 ..(3.5.53)
Atelier – £85 ....(2.12.46)
AutoSketch – £79 ....(1.7.3)
Drawing Board – £54 ....(2.5.33)
Euclid – £60 ....(3.1.50)
Mogul (for Euclid) – £20 ....(3.1.50)
- Splice – £25 ....(3.8.4)
- Tween – £25 ....(3.8.4)
Film Maker – £69 ....(2.6.3)
GammaPlot – £59 ....(1.12.19)
GraphBox – £69 ....(2.8.4)
Inter-Chart ROM – £27 ....(1.1.20)
Inter-Chart disc – £20 ....(1.1.20)
Presenter II – £42 ....(1.11.46 + 3.3.23)
Presentation System – £46 ....(2.7.20)
- Pro-Artisan – £85 (Special offer £75)(2.3.19+page 4)
Realtime Solids Modeller – £130 ....(2.10.46)
Render Bender – £69 ....(2.9.23)
Solid CAD – £85..(2.5.3)
Super-Dump – £23 ....

Sound (Hardware & Software)

Armadeus – £70 ....(2.9.17)
Armadeus sampler podule – £140....................(2.9.17)
Acorn Midi podule – £74 § ....(3.2.26)
SoundSampler A448 – £150 ....(2.9.3)
SoundSampler A448b – £180 ....(2.9.3)
SoundSampler A448m – £210 ....(2.9.3)

SoundSampler A616 – £1290 ....(2.9.3)
Spectra SFFT software – £66...........................(2.9.3)

Video (Hardware & Software)

Chroma 220 genlock A3000 – £165 ....(3.5.3)
Chroma 235 (220+ encoder/keyer) – £210.........(3.5.3)
Chroma 250 (235 + improved chroma) – £375 ..(3.5.3)
Chroma 320 genlock A300/A400 – £165 ....(3.5.3)
Chroma 335 (320+ encoder/keyer) – £315 ....(3.5.3)
Chroma 345 (335 + improved chroma) – £420 ..(3.5.3)
Chromatext software – £42 ....(3.5.3)
XAT video utilities – £84.................................(3.5.3)

Communications

ArcComm – £28 ....(2.10.2)
Hearsay – £59 ....(1.12.22)
WS3000 V22bis modem – £310 ....(2.8.5)
Amstrad SM2400 modem – £210 ....(2.8.5)
Modem connecting lead – £10.............................

Utilities

Archway (WIMP tools) – £85 ....(2.10.31)
Colour dump – Integrex – £25 ....
Colour dump – Canon – £25 ....
Colour dump – LC10 – £25 ....(3.3.28)
DataStore Utilities Disc – £15 ....(3.2.32)
DiscTree – £44 ....(2.8.24)
FontFX – £10 ....(3.3.2)
Grey dumps (9-pin tone dump) – £13 ....(2.6.47)
Instigator – £45 ....(2.10.5)
Key-Define – £13...(2.1.37)
Outline Font Starter Pack – £47 ....(3.5.3)
Outline Fonts "New Hall" – £47 ....(3.5.3)
PC Emulator – £95 ....(1.5.24)
Pro-Copier – £10 ....(3.2.2)
RISC-OS upgrade – £18 (while stocks last) § ..(2.7.20)
RISC-OS Companion – £50 ....(2.12.51)
Software Developer's Toolbox – £175 § ....(2.3.2)
Timewatch – £28 ....(3.2.28)
Toolkit Plus – £42 ....(2.2.32)
Worra Plotter – £27 ....(3.3.3)

Integrated Software

Home Accounts – £46 ....(2.10.29)
Logistix – £99 ....(1.9.31 + 1.10.4)
PipeDream 3 – £145 ....(2.12.23)
PipeDream 3 upgrade (from 2 only) – £68 ....
PipeDream 3 upgrade (from 2 + SpellCheck) – £37 ....
PipeDream Extended Dictionary – £7 ....(3.2.28)
The Account Book (Apricote) – £26 ....(3.7.10)
The Invoice Program (Apricote) – £26 ....(3.7.10)
Personal Accounts (Apricote) – £15 ....(3.7.10)

Spreadsheets & Databases

Alphabase – £42 ....(2.5.37)
Ancestry – £69 ....(2.8.43)
Arcscan II Database – £17 ....
Knowledge Organiser – £55 ....

System Delta-Plus II – £69 ....(2.5.3)
System Delta-Plus Reference Manual – £27 ....
Reporter – £37 ....(2.6.27)
Mailshot – £37 ....(2.6.27)
Multistore – £250 ....(3.4.33 / 3.6.46)
Inter-Sheet ROM – £42 ....(1.1.20)
Inter-Sheet disc – £30 ....(1.1.20)
Matrix 3 – £89 ....(1.11.2)
SigmaSheet – £59 ....(1.11.52 + 1.9.28)

Educational Programs

BookBinder (Musbury) – £50 ....(3.4.2)
Bumper Pack 1 (Reading)– £18 ....(1.2.34)
Bumper Pack 2 (Arith, English + Crosswords) – £18 ...
Craftshop 1 – £33 ....(3.5.2)
Craftshop 2 – £33 ....(3.5.2)
Desk Top Stories – £31 ....(2.12.48)
DigiSim – £40 ....(2.8.48)
Droom – £20 ....(1.7.42)
Fun School 2 (under 6's) – £19 ....(3.3.2)
Fun School 2 (6 – 8's) – £19 ....(3.3.2)
Fun School 2 (over 8's) – £19 ....(3.3.2)
Genesis – £85 ....(3.4.25)
Gate Array Teaching System – £79 ....(2.6.3)
Jigsaw – £33 ....(3.5.27)
Numerator – £70 ....(2.12.46)

Documentation

- A3000 Technical Manual – £28 § ....(3.8.2)
Assembly Language Book – £14 ....(1.11.39)
Assembly Language Disc – £8 ....
Archimedes First Steps – £9 ....(3.6.17)
BASIC V manual (Acorn) – £19 § ....(2.8.2)
BASIC V Dabhand Guide – £9 ....(2.9.2)
Guide to Acorn DTP (inc. disc) – £17 ....(3.4.55)
Operating System Book – £14 ....(2.6.45)
Operating System Disc – £8 ....(2.6.45)
RISC-OS Prog Ref Manual – £75 § ....(3.1.53)
- Z88 Dabhand Guide – £14.............................(3.6.4)

Games

Adventure Lang Prog System (ALPS) – £29 ...(3.3.50)
Alerion – £14 ....(2.1.45)
All-in Boxing – £14 ....(3.1.4)
Anonymouse Desktop Games 1 – £9 ....(3.3.9)
Anonymouse Desktop Games 2 – £9 ....(3.3.9)
- Apocalypse – £28 ....(3.8.2)
Arcade 3 Compilation – £14 ....(3.1.44)
Arcade Soccer – £18 ....(3.3.9)
Arcendium – £14 ....(2.5.2)
Arc Trivia – £23 ....(2.7.52)
- Bug Hunter/MoonDash – £17 ....(3.8.2)
Caverns – £17 ....(3.5.2)
Cheat it again, Archie – £11 ....(2.7.55)
Confusion – £9 ....(3.5.41)
Cops (Adventure) – £18 ....(3.7.48)
Enthar-7 – £26...(2.1.44)

Instigator – £46 ....(2.10.5)
Investigator II – £27 ....(4.5.3)
Outline Font Starter Pack – £48 ....(3.5.3)
Outline Fonts 'Newhall' – £48 ....(3.5.3)
PC Emulator – £96 ....(1.5.24)
RISC-OS upgrade – £37 ....(2.7.20)
RISC-OS Companion – £51 ....(2.12.51)
Software Developer's Toolbox – £179.........(2.3.2)
TCP/IP Protocol Suite – £199 ....(4.2.3)
TCP/IP Protocol Suite Site Licence – £1020 ....(4.2.3)
TCP/IP Programmers Pack – £49 ....(4.2.3)
Timewatch – £29 ....(3.2.28)
Toolkit Plus – £43 ....(2.2.32)
WIMP Template Editor – £8 ....(2.5.29)
Worra Plotter – £28 ....(3.3.3)

Integrated Software
Desktop Office – £125 ....(4.1.40 + 4.2.55)
Home Accounts – £47 ....(2.10.29)
Minerva Business Accounts – £360 ....(4.1.3)
Minerva Nominal Ledger – £92 ....(4.1.3)
Minerva Ordering/Invoicing – £92 ....(4.1.3)
Minerva Purchase Ledger – £92 ....(4.1.3)
Minerva Sales Ledger – £92...................(4.1.3)
Minerva Stock Management – £92 ....(4.1.3)
Office Tools – £325 ....(4.1.4)
Personal Accounts (Apricote) – £28 ....(4.2.53)
PipeDream 3 – £148 ....(2.12.23)
PipeDream Extended Dictionary – £8 ......(3.2.28)
ShareHolder – £135 ....(4.1.5)
The Account Book (Apricote) – £33 ....(4.2.53)
The Invoice Program (Apricote) – £33 .....(4.2.53)

Spreadsheets & Databases
Alphabase – £43 ....(2.5.37)
Ancestry – £71 ....(2.8.43)
Arcscan III Database – £18 ....
DataVision – £135 ....(4.1.3)
Financial Accountant – £250 ....(4.1.3)
Flexifile – £135 ....(4.5.54)
Inter-Sheet disc – £31 ....(1.1.20)
Inter-Sheet ROM – £43 ....(1.1.20)
Knowledge Organiser – £56 ....(3.9.54)
Mailshot – £38 ....(2.6.27)
Matrix 3 – £91 ....(1.11.2)
Multistore II – £255 ....(3.4.33 / 3.6.46)
Reporter – £38 ....(2.6.27)
Schema – £112 ....(4.1.5)
SigmaSheet – £47 ....(1.11.52 + 1.9.28)
System Delta-Plus II – £71 ....(2.5.3)
System Delta-Plus Reference Manual – £28 ....

Educational Programs
Amazing Ollie (age: 4+) – £16 ....(4.2.2)
Astro (Astronomy programs) – £19 ....(4.2.2)
BookBinder (Musbury) – £50.................(4.6.56)
Coffee (age: 9 – 15) – £33 ....(4.2.2)
Concept Designer – £26 ....(4.7.2)
Craftshop 1 – £34 ....(3.9.35)
Craftshop 2 – £34 ....(3.9.5)
Desktop Folio – £97 ....(4.5.2)
Desk Top Stories – £39.........................(2.12.48)
DigiSim – £41 ....(2.8.48)
Droom – £26 ....(1.7.42)
Dust – £33..(4.1.3)
Flight Path (age: 9+) – £33 ....(4.6.2)
Freddy Teddy – £19 ....(4.4.2)
Fun School 2 (age: under 6's) – £20 ....(4.2.59)
Fun School 2 (age: 6 – 8's) – £20 ....(4.2.59)
Fun School 2 (age: 8+) – £20 ....(4.2.59)
Gate Array Design/Teaching – £135 ....(4.1.3)
Genesis – £87 ....(3.4.25)
Genesis II – £135 ....(4.3.3)
Geoscan Database – £39 ....(4.2.51)
Giant Killer Maths Adventure – £19 ....(4.5.3)
Giant Killer Support Disc – £17 ....(4.5.3)
HoneyPot – £48 ....(4.6.60)
Jiglet – £31 ....(4.4.30 + 4.5.17)
Jigsaw – £34 ....(3.5.27)
Landmarks (Egypt) – £21 ....(4.5.3)
Landmarks (2nd World War) – £21 ....(4.5.3)
Logotron Logo – £65 ....(1.11.50)
Magpie multi-media – £58 ....(4.5.3)
Maps of the World – £29 ....(4.1.54)
Mental Maths – £19 ....(4.5.4)
Numerator – £80 ....(2.12.46)
Ollie Octopus Sketchpad (age: 4+) – £16...........(4.2.3)
Order & Chaos (for Numerator) – £18 ......(4.1.26)
PenDown (full release) – £58 ....(3.12.48/4.1.42/4.6.54)
P.I.P.P. – £38 ....(3.12.51)
RiscType V2 – £19 ....(4.3.3)
RoboLOGO – £92 ....(4.4.54)
Tiny Logo + Tiny Draw – £29 ....(4.3.59)

Documentation
A3000 Technical Manual – £28 ....(3.8.2)
(A540 Technical Manual – £65 ....)
Assembly Language Book – £14 ....(1.11.39)
Assembly Language Disc – £9 ....
Archimedes First Steps – £9 ....(3.6.17)
BASIC V manual (Acorn) – £19 ....(2.8.2)
BASIC V Dabhand Guide – £9 ....(2.9.2)
C Dabhand Guide – £14 ....(2.1.28)

(All prices include VAT and UK carriage)
(Numbers in brackets refer to issues of Archive magazine.)
(• means either 'new product' or 'new price')
Shareware Discs Nº 0 to 26 & 30 to 38 – £3 each
Any 10 Shareware discs – £27
Careware Discs Nº 1 to 12 – £6 each
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3 ....
Program Discs 1.7, 1.8, 1.9 etc – £3 each...........(3.8.2)
Volume 1 to 3 program discs (31) – £65
Volume 3 program discs (12) – £28
Volume 4 program discs advance booking (12) – £33
Archive back issues – £2 each.....................
Binder volume 1, 2, 3 or 4 – £5 each ....(1.7.3)
Binders 1 to 4 – £17 for four
3.5" Discs, top quality – 10 for £13, 50 for £60 ....
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover – £10
Annual Service Kit (2 batteries + fan filter) – £3 ....

Oak SCSI Hard Drives
All Oak drives and tape streamers INCLUDE a podule. Subtract £100 if you want a drive without a podule.
A300/400 SCSI hard disc podule – £230
New software for SCSI podules – £12 ....(4.7.9)
WorraWinnie SCSI Drives for 300/400............(4.7.9)
  20M internal drive + podule – £350
  45M internal drive + podule – £450
  80M internal drive + podule – £650
 100M internal drive + podule – £860
 200M internal drive + podule – £1270
  20M external drive + podule – £400
  45M external drive + podule – £500
  80M external drive + podule – £700
 100M external drive + podule – £910
 200M external drive + podule – £1320
High Speed SCSI Drives for 300/400 ....(4.7.9)
  40M internal drive + podule – £530
  80M internal drive + podule – £740
 100M internal drive + podule – £1040
 200M internal drive + podule – £1550
  40M external drive + podule – £740
  80M external drive + podule – £940
 100M external drive + podule – £1250
 200M external drive + podule – £1760
Oak ELITE SCSI Drives for 300/400 ....(4.7.9)
  40M external drive + podule – £880
  80M external drive + podule – £1240
 100M external drive + podule – £1450
 200M external drive + podule – £1820
 300M external drive + podule – £2470
 640M external drive + podule – £3080

A3000 WorraWinnie external drives
  20M external drive + podule – £400 ....(4.3.15)
  45M external drive + podule – £500 ....(4.4.2)
  80M external drive + podule – £700 ....(4.4.2)
 100M external drive + podule – £910
 200M external drive + podule – £1320
A3000 SCSI hard disc podule – £230
Oak SCSI Tape streamers ....(3.4.3)
  60M SCSI Tape streamer – £1140
 150M SCSI Tape streamer – £1420
  1 Gb SCSI Tapestreamer – £3160.................(3.7.2)
  60M Cartridges (3M) – £24 each
 150M Cartridges (3M) – £27 each
  1 Gb Cartridges – £46 each

Atomwide Removable SCSI Hard Drives
(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £595 ....(4.7.12)
External 42M +Oak A300/400 podule – £795
External 42M +Oak A3000 ext podule – £795
External 42M +Lingenuity A3000 int podule – £775
Extra 42M cartridges – £82

MicroNet Removable SCSI Hard Drives
(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £595 ....(4.1.47)
External 42M +Oak A300/400 podule – £795
External 42M +Oak A3000 ext podule – £795
External 42M +Lingenuity A3000 int podule – £775
Extra 42M cartridges – £82

Atomwide SCSI Hard Drives (<17 ms)
(Prices include cables – specify podule type)
Internal 48M (w/o podule) – £330 ....(4.7.10)
External 48M (w/o podule) – £420 ....
Internal 48M (Oak podule) – £530 ....
External 48M (Oak podule) – £620..........................
External 48M (Oak A3000 ext podule) – £620 ....
External 48M (Lingenuity A3000 int podule) – £600....
Internal 100M (w/o podule) – £540 ....(4.7.10)
External 100M (w/o podule) – £640 ....
Internal 100M (Oak podule) – £740 ....
External 100M (Oak podule) – £840 ....
External 100M (Oak A3000 ext podule) – £840............
External 100M (Lingenuity A3000 int podule) – £820

ZCL SCSI Hard Drives (<17 ms)
(Prices include cables – specify podule type)
Internal 48M (w/o podule) – £330 ....(4.7.10)
External 48M (w/o podule) – £420 ....
Internal 48M (Oak podule) – £530 ....
External 48M (Oak podule) – £620..........................
External 48M (Oak A3000 ext podule) – £620 ....
External 48M (Lingenuity A3000 int podule) – £600....

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD.
(Phone: 0603–766592, Fax –764011)

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series – £220
Internal 40M (28ms) drive for A400 series – £340
Internal 47M (28ms) drive for A400 series – £420

Xpress Bulk Disc Copier

60-disc copier, software & leads – £2750 (4.2.2, 4.4.2)

A400 / 500 Computers & Upgrades

A410 – £1290 (inc £100 Archive voucher).....................
A420 Learning Curve – £1520 (+ £100 voucher) ....
A440 equivalent – £1840 (+ £100 voucher) ....
A540 – £3520 (+ £200 voucher) ....
4M Ram card for A540 – £540
Ram for A410 – £60 per Mb (+ £10 if fitting req'd) ....
Single RAM chips (in case you damage one!) – £8
ARM3 – 24MHz (Aleph One) – £470 ....(4.1.13)
ARM3 – 25MHz (CJE Micros) – £400 ....(4.1.3)
Fan Speed Controller – £21 ....(4.5.2)
Econet module – £53 ....
Replacement keyboard for 400/1 – £123 ....
Replacement 3.5" drive for 400/1 – £72 ....(3.5.3)

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A3000 computer – £695 (inc £50 free s/ware) ....
A3000 Learning Curve – £817 ....
A3000 Jet Set Pack – £725 ....(4.1.4)
1 Mb A3000 upgrade (Morley) – £82 ....(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £245 ....(3.3.3/3.6.2)
1 Mb A3000 upgrade (Atomwide) – £82 ....(3.10.2)
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A3000 Serial upgrade – £21 ....
A3000 User Port & Midi – £53 ....
Midi upgrade software – £10 ....(3.6.2)
A3000 User & Analogue Ports (Morley) – £74 (3.6.2)
A3000 Ext 3.5" drive for A3000 – £138 ....(3.6.2)
SCSI podule for A3000 (Lingenuity) – £170 ....
SCSI podule for A3000 (Oak) – £230..................

Monitors & Accessories

Acorn (Philips) monitor – £255 ....
Philips CM8833 14" monitor – £285 ....(2.9.2)
Eizo 9060SZ 14" multi-sync – £530..................(3.7.2)
Taxan 795 14" Trinitron m-sync – £600 ....(4.1.6 + 21)
Eizo 9070SZ 16" multi-sync – £900 ....(3.10.2)
Microvitec 20" multi-sync – £1730...........................
VIDC Enhancer – £36 ....(3.10.21)
A3000 Monitor stand – £34.......................................
Long monitor lead with sound – £16 ....(3.12.2)
TV modulators – £56 ....

A310 / A440 Upgrades

Replacement Mouse – £56 ....(3.5.3)
Replacement Mouse cable (Digitec) – £11 ....
Replacement Mouse cable (Logitech) – £13 ....
Replacement 3.5" drive for 310 – £102 ....(3.5.3)
Second internal 3.5" drive – £125 ....

Replacement keyboard for 310/1 – £123 ....
MEMC1a upgrade for 310/440 – £76 ....(3.2.3)
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I.F.E.L. 4-layer 4-slot backplane (inc fan) – £67 ....

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5.25" drive interface (Digital Svcs) – £39 ....(4.1.2)
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  with battery backup – £64 ....
  32k RAM chips – £16 ....
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  Fully built with ROM – £44 ....
  Fully built with RAM – £50 ....
  APEC utilities disc – £5 ....
Colour Digitiser Hawk V9 – £368 ....(3.7.13)
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Joystick/switch – £19 ....(4.1.4)
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Sheet feeder for Scanlight Plus – £107 ....
ScanLight Plus Junior – £209 ....
ScanLight Plus Junior A3000 – £209 ....
SCSI podule for A300/A400 (Acorn) – £276 ....
SCSI podule for A300/A400 (Lingenuity) – £189 ....
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Keyboard extension cable – £8 ....
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Printer cable (Centronics) – £10 ....
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SCSI cable D-type to Amphenol – £16 ....(4.7.12)
SCSI cable Amphenol to Amphenol – £16.......(4.7.12)
SCSI cable IDC to IDC – £16......................(4.7.12)

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Panasonic KXP1081 9-pin printer – £158 ....
Panasonic KXP1124 24-pin printer – £281..............
32k buffer chip for KXP1124 – £16 ....
Cut-sheet feeder for KXP1124 – £128 ....(3.10.3)
Ribbons for KXP1124 – £11 each ....(3.10.3)
Centronics Printer cable – £10 ....
Laser Direct 300 dpi – £1100 (3.9.3 + 3.10.3 + 3.12.6)
Laser Direct 600 dpi (LBP8) – £1595 ....(4.1.2)
Canon LBP4 – £970 ....(4.1.2)
LD interface for LBP4 – £380 ....(4.1.2)
ArcLaser – £1065 ....(3.11.3 + 3.12.6)

Qume toner set – £77 ....(4.1.4)
Qume drum set – £97 ....(4.1.4)
Toner cartridge for LBP4/8 – £82 ....

Languages

ABC-2 BASIC Compiler – £91 ....(2.5.16)
ABC Dynamic Extensions – £46 ....(3.1.2)
Acorn Assembler – £199 ....(3.4.51)
Adventure Lang Prog System (ALPS) – £33 ....(3.3.50)
ANSI-C (Release 3) – £148 ....
Cambridge Pascal – £72 ....(3.4.27)
C Front End – £19 ....(3.4.49)
Fortran 77 (Rel. 2) – £99 ....(1.7.26)
Iso-Pascal (Rel. 2) – £99 ....(1.9.24 + 1.11.14)
Logotron Logo – £65 ....(1.11.50)
Risc BASIC Compiler – £135 ....(2.9.32)
Risc Forth – £135 ....(2.2.23)
RoboLOGO – £92....................................(4.1.5)
Twin Editor – £30 ....
Wingpass Macro Assembler V2 – £48 ....(2.8.41)

Word-Processors & DTP

DTP from Acorn – £148 ....(2.12.41)
Easiword – £37 ....(3.9.2)
Equasor – £53 ....(4.6.47)
Expression PS – £22 ....(4.5.3)
First Word Plus 2 – £84 ....(3.4.40)
First Word Plus Extended Dictionary – £7........(2.8.30)
First Fonts, Maths/Scientific – £21 ....(2.1.32)
Graphic Writer – £28 ....(1.6.12)
Impression 2 DTP – £180 ....(4.5.49)
Impression Dongle Dangle – £6 ....(4.5.3)
Impression Junior – £91 ....(3.2.59)
Inter-Word ROM – £43 ....(1.1.20)
Inter-Word disc – £31 ....(1.1.20)
Ovation DTP – £107.............................(3.12.23)
Protext 5.0 – £138 ....(4.2.3)
ShowPage – £153 ....(4.5.4)
SpellMaster ROM – £56 ....(1.10.34)
SpellMaster disc – £42 ....(1.10.34)
Tempest DTP – £123 ....(3.10.50)
Wordwise Plus A (80 column) – £31 ....(3.5.5)
Wordwise Plus A (upgrade from BBC) – £10   (1.2.20)

Graphics & Clipart

Children's pictures – £19 ....(4.7.2)
History (Costume) Graphics Pack – £19 ....(4.7.39)
Maps of the World – £29 ....(4.1.54)
Pre-Historic Animals – £19 ....(4.7.39)
Tools – £19 ....(4.7.38)
World Wildlife Pack – £19 ....(4.7.39)

Art / Drawing etc Packages

ArcImEd – £24 ....(1.12.42)
ArcLight – £47 ....(4.4.19)
ArcPCB – £163....................................(2.1.2)
ArcPCB Professional – £327 ....(3.1.4)
Artisan 2 – £56 ....(3.5.53)

Art Nouveau – £42.50..........................(2.6.17)
Atelier – £87 ....(2.12.46)
AutoSketch – £81 ....(1.7.3)
Drawing Board – £55 ....(2.5.33)
Euclid – £61 ....(3.1.50)
Film Maker – £92 ....(2.6.3)
GammaPlot – £47 ....(1.12.19)
GraphBox – £71 ....(2.8.4)
Inter-Chart ROM – £28 ....(1.1.20)
Inter-Chart disc – £21 ....(1.1.20)
Mogul (for Euclid) – £21 ....(3.1.50)
Poster (with fonts) – £95 ....(3.11.13)
Presenter II – £43 ....(1.11.46 + 3.3.23)
Presenter II with Hotlinks – £50 ....(3.10.3)
Presentation System – £47 ....(2.7.20)
Pro-Artisan – £87 ....(2.3.19)
Realtime Solids Modeller – £163 ....(2.10.46)
Render Bender – £71 ....(2.9.23)
Revelation image processor – £82 ....(4.5.4)
Snippet – £31 ....(3.11.4)
Solid CAD – £135 ....(2.5.3)
Solids Render – £135 ....(4.1.5)
Solid Tools – £327 ....(4.1.5)
Splice – £26 ....(3.12.38)
Super-Dump – £29 ....(4.1.5)
Super-Plot – £38 ....(4.1.5)
Tracer (Midnight Graphics) – £57 ....(4.6.3)
Tween – £26 ....(3.12.38)
Worra-CAD – £82 ....(3.11.4)

Sound (Hardware & Software)

Acorn Midi podule – £76 ....(3.2.26)
Armadeus – £72 ....(2.9.17)
Armadeus sampler podule – £145 ....(2.9.17)
Rhapsody – £47 ....(4.2.19 + 4.3.29)
Supersound Creations – £18 ....(4.3.4)
Tracker – £47 ....(4.5.44)

Communications

Acorn – £29.....................................(4.3.40)
Arc-Comm – £32 ....(4.3.40)
ArcTerm 7 – £77 ....(4.5.2)
Hearsay – £60 ....(1.12.22)
WS3000 V22bis modem – £320 ....(2.8.5)
Modem connecting lead – £13 ....

Utilities

ArcDFS – £29 ....(3.11.55 + 3.12.30 + 4.1.48)
Archway2 – £92 ....(4.5.2)
ArcMonitor – £29 ....(4.4.2)
CIS Utilities (inc Pro-Copier) – £17..............(4.3.2)
Colour dump – Canon – £26 ....
Colour dump – Integrex – £26 ....
Colour dump – LC10 – £26 ....(3.3.28 + 3.9.59)
DataStore Utilities Disc Nº1 – £15 ....(3.2.32)
DataStore Utilities Disc Nº2 – £15 ....(4.6.2)
DiscTree – £45 ....(2.8.24)
FontFX – £10 ....(3.9.37)

Careware № 13

We have put Jonathan Marten's improved, improved Draw program, !DrawPlus (reviewed last month, page 19) as the major item on Careware 13. We have made it a DTP type disc by adding the latest versions of !CGM->Draw (v1.6) and !Translator (v6.45) and two utilities to convert the other way: !DrwCgm (v0.9c) which converts Draw files into CGM files and !Creator (v1.13) which converts sprite files into GIF, TIFF, AIM, PBM files. There is also some Draw clip art: under the heading of biology are: 4 week old & 8 week old embryos, digestive system, ear, paramecium, respiratory system, resuscitation, teeth; under the heading of people are: cobbler, eskimo, footballer, girl reading, girl riding, magician, painter, singer; and then the rest... bed and breakfast, house, King George V battleship, long ship, Pink Panther, snowman, tree.

June Sales

We still have one or two items where we have excess stock that needs clearing....

Hardware
• A3000 20M external SCSI Worra winnie drive – £340 (was £400)
• A300/400 45M internal SCSI Worra winnie drive – £390 (was £450)
• A300/400 80M internal SCSI drive (full speed, not Worra Winnie) (1 only) – £590 (was £720)
• WS3000 modem – £290 (was £320)

Software
• Artisan 2 – £39 (was £56)
• Wordwise Plus (ARM code version) – £25 (was £31)
• U.I.M. – £12 (was £28)
• Olympics – £8 (was £19)
• PIPP – £18 (was £38)
• Holed Out– £15 (was £19)
• Drop Ship – £15 (was £19)
• Pysanki – £15 (was £19)
• Inertia – £15 (was £19)
• Man-at-Arms – £15 (was £20)

Charity Sales

In addition to the bits on page 27 of the magazine, we also have:
• Autosketch – £15 (new £81)
• Risc Forth + 2 books – £30 (new £135 + books)

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD.
(Phone: 0603–766592, Fax –764011)

Monthly Program Disc

The contents of the monthly program disc...

Main items

!Painting	Modified Arthur Paint with print key activated (p5)
!PicPrint	Prints sprites without having to load !Paint (p5)
!RunImpDoc	Runs Impression documents (p10)
stars	Some typical digitised pictures (p32)

Extra bits

!IVSearch	'Icon' virus killer
arcscan	Archive (vol 4) and Arcscan3 files for various clip art
multistore	multistore database file of the UK STD codes

Review Items

In addition to the items for review on page 3 of the magazine, we also have:
• Chocks Away Extra Missions
• Fine Racer from Eterna
• First Words & Pictures from ChalkSoft

A400/1 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1290 (and get a £100 software voucher with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £210, £320 or £400 for 20M, 40M or 47M respectively. (If you would prefer a SCSI drive, give us a ring and we'll arrange something.)

So a 440/1 equivalent would cost £1290 + 3 * £50 + £400 = £1840.

If you buy an Acorn 14" standard resolution monitor at the same time add £210, if you want an Eizo 9060SZ add £460 or for a Taxan 795 add £560.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Archive Members' Price List – June 1991

(All prices include VAT and UK carriage)
(Numbers in brackets refer to issues of Archive magazine.)
(• means either 'new product' or 'new price')

Shareware Discs № 0 to 26 & 30 to 40 – £3 each
Any 10 Shareware discs – £27
Careware Discs № 1 to 13 – £6 each
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3 ....
Program Discs 1.7, 1.8, 1.9 etc – £3 each............(3.8.2)
Volumes 1 to 4 program discs (43 discs) – £75
Volume 3 program discs (12) – £25
Volume 4 program discs (12) – £30
Archive back issues – £2 each.....................................
Binder volume 1, 2, 3 or 4 – £5 each ....(1.7.3)
Binders 1 to 4 – £17 for four
3.5" Discs, top quality – 10 for £13, 50 for £60 ....
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover – £10
Annual Service Kit (2 batteries + fan filter) – £3 · ....

Oak SCSI Hard Drives
All Oak drives and tape streamers INCLUDE a podule.
Subtract £100 if you want a drive without a podule.
A300/400 SCSI hard disc podule – £230
New software for SCSI podules – £12 ....(4.7.9)
WorraWinnie SCSI Drives for 300/400............(4.7.9)
20M internal drive + podule – £350
45M internal drive + podule – £450
80M internal drive + podule – £650
100M internal drive + podule – £860
200M internal drive + podule – £1270
20M external drive + podule – £400
45M external drive + podule – £500
80M external drive + podule – £700
100M external drive + podule – £910
200M external drive + podule – £1320
High Speed SCSI Drives for 300/400.................(4.7.9)
40M internal drive + podule – £530
80M internal drive + podule – £740
100M internal drive + podule – £1040
200M internal drive + podule – £1550
40M external drive + podule – £740
80M external drive + podule – £940
100M external drive + podule – £1250
200M external drive + podule – £1760
Oak ELITE SCSI Drives for 300/400 ....(4.7.9)
40M external drive + podule – £880
80M external drive + podule – £1240
100M external drive + podule – £1450
200M external drive + podule – £1820
300M external drive + podule – £2470
640M external drive + podule – £3080

A3000 WorraWinnie external drives
20M external drive + podule – £400 ....(4.3.15)
45M external drive + podule – £500 ....(4.4.2)
80M external drive + podule – £700 ....(4.4.2)
100M external drive + podule – £910
200M external drive + podule – £1320
A3000 SCSI hard disc podule – £230

MicroNet Removable SCSI Hard Drives
(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £555 ....(4.1.47)
External 42M +Oak A300/400 podule – £755
External 42M +Oak A3000 ext podule – £755
External 42M +Lingenuity A3000 int podule – £735
Extra 42M cartridges – £75

Atomwide Removable SCSI Hard Drives
(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £565 ....(4.7.12)
External 42M +Oak A300/400 podule – £765
External 42M +Oak A3000 ext podule – £765
External 42M +Lingenuity A3000 int podule – £745
Extra 42M cartridges – £75

Atomwide SCSI Hard Drives (<17 ms)
(Prices include cables – specify podule type)
Internal 48M (w/o podule) – £330 ....(4.7.10)
External 48M (w/o podule) – £420 ....
Internal 48M (Oak podule) – £530 ....
External 48M (Oak podule) – £620.......................
External 48M (Oak A3000 ext podule) – £620 ....
External 48M (Lingenuity A3000 int podule) – £600....
Internal 100M (w/o podule) – £540 ....(4.7.10)
External 100M (w/o podule) – £640 ....
Internal 100M (Oak podule) – £740 ....
External 100M (Oak podule) – £840 ....
External 100M (Oak A3000 ext podule) – £840...........
External 100M (Lingenuity A3000 int podule) – £820

ZCL SCSI Hard Drives (<17 ms)
(Prices include cables – specify podule type)
Internal 48M (w/o podule) – £330 ....(4.7.10)
External 48M (w/o podule) – £420 ....
Internal 48M (Oak podule) – £530 ....
External 48M (Oak podule) – £620.......................
External 48M (Oak A3000 ext podule) – £620 ....
External 48M (Lingenuity A3000 int podule) – £600....

Oak ST506 Hard Drives
Internal 20M (28ms) drive for A400 series – £220
Internal 40M (28ms) drive for A400 series – £340
Internal 47M (28ms) drive for A400 series – £420

Xpress Bulk Disc Copier
50-disc copier, software & leads – £2750 (4.2.2, 4.4.2)

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Taxan 795 14" Trinitron m-sync – £600 ....(4.1.6 + 21)

Eizo 9070SZ 16" multi-sync – £900 ....(3.10.2)

Microvitec 20" multi-sync – £1450....................

VIDC Enhancer – £36 ....(3.10.21)

A3000 Monitor stand – £34....................

Long monitor lead with sound (SCART) – £18 (3.12.2)

TV modulators (RGB -> UHF) – £56 ....

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  32k RAM chips – £16 ....

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  Fully built with ROM – £44 ....

  Fully built with RAM – £50....................

  APEC utilities disc – £5 ....

Colour Digitiser Hawk V9 – £368 ....(3.7.13)

Ethernet Card – £276 ....(4.1.2)

Floating Point Co-Processor – £580 ....(4.2.43)

I/O Podule – £90....................(1.7.38)

New software for I/O Podule – £12 ....(3.6.2)

Joystick (Voltmace) – £26 ....

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Sheet feeder for Scanlight Plus – £107 ....

ScanLight Plus Junior – £209 ....

ScanLight Plus Junior A3000 – £209 ....

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SCSI podule for A300/A400 (Lingenuity) – £189 ....

SCSI podule for A300/A400 (Oak) – £225....................

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SCSI cable D-type to Amphenol – £16 ....(4.7.12)

SCSI cable Amphenol to Amphenol – £16........(4.7.12)

SCSI cable IDC to IDC – £16....................(4.7.12)

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Panasonic KXP1081 9-pin printer – £158 ....

Panasonic KXP1124 24-pin printer – £281...............

32k buffer chip for KXP1124 – £16 ....

Cut-sheet feeder for KXP1124 – £128 ....(3.10.3)

Ribbons for KXP1124 – £11 each ....(3.10.3)

Centronics Printer cable – £10 ....

Laser Direct 300 dpi – £1100 (3.9.3 + 3.10.3 + 3.12.6)

Laser Direct 600 dpi (LBP8) – £1595 ....(4.1.2)

Canon LBP4 – £970 ....(4.1.2)

LD interface for LBP4 – £380 ....(4.1.2)

ArcLaser – £1065 ....(3.11.3 + 3.12.6)

Qume toner set – £77 ....(4.1.4)

Qume drum set – £97 ....(4.1.4)

Toner cartridge for LBP4/8 – £82 ....

Documentation (continued)
BASIC V manual (Acorn) – £19 ....(2.8.2)

BASIC V Dabhand Guide – £9 ....(2.9.2)

C Dabhand Guide – £14 *(being reprinted)* ....(2.1.28)

C Guide Disc – £9 ....

DTP Seeds – £8 ....(4.9.36)

Guide to Acorn DTP (inc. disc) – £18 ....(3.4.55)

Operating System Book – £14 ....(2.6.45)

Operating System Disc – £9 ....(2.6.45)

RISC-OS Prog Ref Manual – £75 ....(3.1.53)

Z88 Dabhand Guide – £14 ....(3.9.57)

Games
• 3D Chess – £19 ....(4.9.2)

Adventure Lang Prog System (ALPS) – £33 ....(3.3.50)

Alerion – £15 ....(2.1.45)

Alien Invasion – £15.................................(3.12.20)

All-in Boxing – £15 ....(3.1.4)

Apocalypse – £29 ....(3.10.42)

Arcade 3 Compilation – £14 ....(3.1.44)

Arcade Soccer – £19.................................(3.10.35)

Arcendium – £15 ....(2.5.2)

Arc Trivia – £24 ....(2.7.52)

ArcPinball – £24 ....(4.5.2)

Ballarena – £19 ....(4.4.20)

Blowpipe – £20....................(4.5.2)

• Boogie Buggy – £23 ....(4.9.2)

Bug Hunter/MoonDash – £18 ....(3.10.26)

Bug Hunter in Space – £18....................(4.4.52)

Caverns – £18 ....(3.5.2)

Cheat it again, Archie – £11 ....(2.7.55)

Chocks Away 2 – £24.................................(4.4.40)

• Chocks Away Extra Missions – £19 ....(4.9.2)

Cops (Adventure) – £19 ....(3.7.48)

Crisis – £28 ....(4.3.2)

Drop Ship – £19 ....(4.4.52)

Enthar-7 – £27 ....(2.1.44)

E-Type – £19 ....(3.2.49)

E-Type Designer – £17 ....(3.3.2)

E-Type Extra 100 miles – £17 ....(3.3.2)

Family Favourites – £19 ....(3.8.59)

Fireball II – £24 ....(3.5.41)

Fireball II + Fish + Pon (MiniPack5) – £28 ....(3.5.41)

Freddy's Folly – £15 ....(2.1.45)

Herewith the Clues! – £24 ....(3.11.57)

Holed Out – £19 ....(2.9.38)

Holed Out Extra Coures 1 – £17.................................(2.10.5)

Holed Out Extra Coures 2 – £17.................................(2.10.5)

Holed Out Designer – £19 ....(3.9.60)

Hostages – £20 ....(4.4.16)

Hoverbod – £15 ....(1.10.47)

Ibix the Viking – £19 ....(3.1.45)

Inertia – £19 ....(3.12.43)

Interdictor 2 – £33 ....(4.2.17)

Iron Lord – £19.................................(4.5.3)

Jet Fighter – £15 ....(2.3.2)

Last Days of Doom/Hezarin – £19 ....(3.7.3)

Maddingly Hall – £15.................................(4.9.60)

Mad Professor Mariarti – £19 ....(4.5.3)

Mah Jong Patience – £19 ....(4.3.3)

Man at Arms – £20 ....(3.11.58)

Memory Magic – £16 ....(3.11.3)

MicroDrive – £19 ....(3.11.3)

MicroDrive Extra Courses – £15 ....(4.3.3)

MiniPack5 – Fireball II + Fish + Pon – £28 ....(3.5.41)

Minotaur – £15 ....(1.3.34)

Missile Control – £15 ....(1.10.47)

Nevryon – £19 ....(4.1.53)

Olympics – £20 ....(3.9.58)

Orion – £15 ....(2.1.45)

PipeMania – £24 ....(4.4.7)

Plague Planet – £15 ....(2.10.48)

Powerband – £24 ....(4.7.24)

Pysanki – £19 ....(4.4.52)

Quazer – £11.................................(1.10.47)

Redshift – £18.................................(3.12.3)

Repton 3 – £19 ....(2.3.2)

Return to Doom – £20 ....(4.7.27)

Rotor – £24 ....(3.7.3)

Square Route – £19 ....(4.5.4)

Star Trader – £17 ....(2.5.31)

Superior Golf – £19 ....(3.12.19)

Talisman – £15 ....(4.3.50)

The WIMP Game – £19 ....(4.3.42)

Thundermonk – £15 ....(2.5.3)

Trivial Pursuit – £28 ....(3.6.41)

Twinworld – £19.................................(4.7.50)

U.I.M. – £29 ....(3.7.21)

WordUpWordDown – £17 ....(2.5.31)

Worldscape – £20 ....(4.5.4)

Zarch – £19.................................(1.2.33)

Z88
Z88 Computer – £235 ....

128k RAM pack – £50 ....

128k EPROM pack – £50 ....

EPROM eraser – £40 ....

Archimedes link – £36 ....

Carrying case – £10....................

Mains Adaptor – £10 ....

Languages

ABC–2 BASIC Compiler – £91 ....(2.5.16)
ABC Dynamic Extensions – £46 ....(3.1.2)
Acorn Assembler – £199 ....(3.4.51)
Adventure Lang Prog System (ALPS) – £33 ....(3.3.50)
ANSI–C (Release 3) – £148 ....
Cambridge Pascal – £72 ....(3.4.27)
C Front End – £19 ....(3.4.49)
Fortran 77 (Rel. 2) – £99 ....(1.7.26)
Iso-Pascal (Rel. 2) – £99 ....(1.9.24 + 1.11.14)
Logotron Logo – £65 ....(1.11.50)
Risc BASIC Compiler – £135 ....(2.9.32)
Risc Forth – £135 ....(2.2.23)
RoboLOGO – £92 ....(4.1.5)
Twin Editor – £20 ....
Wingpass Macro Assembler V2 – £48 ....(2.8.41)

Word-Processors & DTP

DTP from Acorn – £148 ....(2.12.41)
Easiword – £37 ....(3.9.2)
Equasor – £53 ....(4.6.47)
Expression PS – £22 ....(4.5.3)
First Word Plus 2 – £84 ....(3.4.40)
First Word Plus Extended Dictionary – £7........(2.8.30)
First Fonts, Maths/Scientific – £21.................(2.1.32)
Graphic Writer – £28 ....(1.6.12)
Impression 2 DTP – £180 ....(4.5.49)
Impression Dongle Dangle – £6 ....(4.5.3)
Impression Junior – £91 ....(3.2.59)
Inter-Word ROM – £43 ....(1.1.20)
Inter-Word disc – £31 ....(1.1.20)
Ovation DTP – £107...................................(3.12.23)
Protext 5.0 – £138......................................(4.2.3)
ShowPage – £153 ....(4.5.4 + 4.9.45)
SpellMaster ROM – £56 ....(1.10.34)
SpellMaster disc – £42 ....(1.10.34)
Tempest DTP – £123 ....(3.10.50)
Wordwise Plus A (80 column) – £31 ....(3.5.5)
Wordwise Plus A (upgrade from BBC) – £10   (1.2.20)

Graphics & Clipart

Children's pictures – £19 ....(4.7.2)
History (Costume) Graphics Pack – £19 ....(4.7.39)
Maps of the World – £27 ....(4.1.54)
Pre-Historic Animals – £19 ....(4.7.39)
Tools – £27 ....(4.7.38)
World Wildlife Pack – £19 ....(4.7.39)

Art / Drawing etc Packages

ArcImEd – £24 ....(1.12.42)
ArcLight – £47 ....(4.4.19)
ArcPCB – £163...(2.1.2)
ArcPCB Professional – £327 ....(3.1.4)
Artisan 2 – £56 ....(3.5.53)
Art Nouveau – £42.50.................................(2.6.17)
Atelier – £87 ....(2.12.46)
AutoSketch – £81 ....(1.7.3)

Drawing Board – £55 ....(2.5.33)
Euclid – £61 ....(3.1.50)
Film Maker – £92 ....(2.6.3)
GammaPlot – £47 ....(1.12.19)
GraphBox – £71 ....(2.8.4)
Inter-Chart ROM – £28 ....(1.1.20)
Inter-Chart disc – £21 ....(1.1.20)
Mogul (for Euclid) – £21 ....(3.1.50)
Poster (with fonts) –£95 ....(3.11.13)
Presenter II – £43 ....(1.11.46 + 3.3.23)
Presenter II with Hotlinks – £50....................(3.10.3)
Presentation System – £47 ....(2.7.20)
Pro-Artisan – £87 ....(2.3.19)
Realtime Solids Modeller – £163 ....(2.10.46)
Render Bender – £71 ....(2.9.23)
Revelation image processor – £82 ....(4.5.4)
Snippet – £31 ....(3.11.4)
Solid CAD – £135 ....(2.5.3)
Solids Render – £135 ....(4.1.5)
Solid Tools – £327 ....(4.1.5)
Splice – £26 ....(3.12.38)
Super-Dump – £29 ....(4.1.5)
Super-Plot – £38 ....(4.1.5)
Tracer (Midnight Graphics) – £57 ....(4.6.3)
Tween – £26 ....(3.12.38)
Worra-CAD – £82 ....(3.11.4)

Sound (Hardware & Software)

Acorn Midi podule – £76 ....(3.2.26)
Armadeus – £72 ....(2.9.17)
Armadeus sampler podule – £145 ....(2.9.17)
Rhapsody – £47 ....(4.2.19 + 4.3.29)
Speech! – £19 ....(4.9.47)
Supersound Creations – £18 ....(4.3.4)
Tracker – £47 ....(4.5.44)

Communications

Acorn – £29...(4.3.40)
• Arc-Comm 2 – £59 ....(4.9.2)
ArcTerm 7 – £77 ....(4.5.2)
Hearsay – £60 ....(1.12.22)
WS3000 V22bis modem – £320 ....(2.8.5)
Modem connecting lead – £13 ....

Utilities

ArcDFS – £29 ....(3.11.55 + 3.12.30 + 4.1.48)
Archway2 – £92 ....(4.5.2)
ArcMonitor – £29 ....(4.4.2)
• Broadcast Loader (Econet) – £75 ....(4.9.2)
CIS Utilities (inc Pro-Copier) – £17.................(4.3.2)
Colour dump – Canon – £26 ....
Colour dump – Integrex – £26 ....
Colour dump – LC10 – £26 ....(3.3.28 + 3.9.59)
DataStore Utilities Disc Nº1 – £15 ....(3.2.32)
DataStore Utilities Disc Nº2 – £15 ....(4.6.2)
DiscTree – £45 ....(2.8.24)
FontFX – £10 ....(3.9.37)
Grey dumps (9-pin tone dump) – £13..............(2.6.47)

Utilities (continued)

Instigator – £46 ....(2.10.5)
Investigator II – £27 ....(4.5.3)
Outline Font Starter Pack – £48 ....(3.5.3)
Outline Fonts 'Newhall' – £48 ....(3.5.3)
PC Emulator – £96 ....(1.5.24)
RISC-OS upgrade – £37 ....(2.7.20)
RISC-OS Companion – £51 ....(2.12.51)
Software Developer's Toolbox – £179..............(2.3.2)
TCP/IP Protocol Suite – £199 ....(4.2.3)
TCP/IP Protocol Suite Site Licence – £1020 ....(4.2.3)
TCP/IP Programmers Pack – £49 ....(4.2.3)
Timewatch – £29 ....(3.2.28)
Toolkit Plus – £43 ....(2.2.32)
WIMP Template Editor – £8 ....(2.5.29)
Worra Plotter – £28 ....(3.3.3)

Integrated Software

Desktop Office – £125 ....(4.1.40 + 4.2.55)
Home Accounts – £47 ....(2.10.29)
Minerva Business Accounts – £360 ....(4.1.3)
Minerva Nominal Ledger – £92 ....(4.1.3)
Minerva Ordering/Invoicing – £92 ....(4.1.3)
Minerva Purchase Ledger – £92 ....(4.1.3)
Minerva Sales Ledger – £92..............(4.1.3)
Minerva Stock Management – £92 ....(4.1.3)
Office Tools – £325 ....(4.1.4)
Personal Accounts (Apricote) – £28 ....(4.2.53)
PipeDream 3 – £148 ....(2.12.23)
PipeDream Extended Dictionary – £8 ....(3.2.28)
ShareHolder – £135 ....(4.1.5)
The Account Book (Apricote) – £33 ....(4.2.53)
The Invoice Program (Apricote) – £33 ....(4.2.53)

Spreadsheets & Databases

Alphabase – £43 ....(2.5.37)
Ancestry – £71 ....(2.8.43)
Arcscan III Database – £18..................(4.8.21)
DataVision – £135 ....(4.1.3)
Financial Accountant – £250 ....(4.1.3)
Flexifile – £135 ....(4.5.54)
Inter-Sheet disc – £31 ....(1.1.20)
Inter-Sheet ROM – £43 ....(1.1.20)
Knowledge Organiser – £56 ....(3.9.54)
Mailshot – £38 ....(2.6.27)
Matrix 3 – £91 ....(1.11.2)
Multistore II – £255 ....(3.4.33 / 3.6.46)
Reporter – £38 ....(2.6.27)
Schema – £112 ....(4.1.5 + 4.9.27)
SigmaSheet – £47 ....(1.11.52 + 1.9.28)
System Delta-Plus II – £71 ....(2.5.3)
System Delta-Plus Reference Manual – £28 ....

Educational Programs

Amazing Ollie (age: 4+) – £16 ....(4.2.2)
Astro (Astronomy programs) – £21 ....(4.2.2)
BookBinder (Musbury) – £50............(4.6.56)
Coffee (age: 9 – 15) – £33 ....(4.2.2)
Concept Designer – £26 ....(4.7.2)
Craftshop 1 – £34 ....(3.9.35)
Craftshop 2 – £34 ....(3.9.5)
Desktop Folio – £97 ....(4.5.2)
Desk Top Stories – £39..................(2.12.48)
DigiSim – £41 ....(2.8.48)
Droom – £26 ....(1.7.42)
Dust – £33.............................(4.1.3)
Flight Path (age: 9+) – £33 ....(4.6.2)
Freddy Teddy – £21 ....(4.4.2)
Freddy Teddy's Adventure – £21 ....(4.4.2)
Fun School 2 (age: under 6's) – £20 ....(4.2.59)
Fun School 2 (age: 6 – 8's) – £20 ....(4.2.59)
Fun School 2 (age: 8+) – £20 ....(4.2.59)
Gate Array Design/Teaching – £135 ....(4.1.3)
Genesis II – £135 ....(4.3.3)
Geoscan Database – £39..................(4.2.51)
Giant Killer Maths Adventure – £19 ....(4.5.3)
Giant Killer Support Disc – £17 ....(4.5.3)
HoneyPot – £48 ....(4.6.60)
• House of Numbers – £24 ....(4.9.3)
Jiglet – £31 ....(4.4.30 + 4.5.17)
Jigsaw – £34 ....(3.5.27)
Landmarks (Egypt) – £21 ....(4.8.29)
Landmarks (2nd World War) – £21 ....(4.8.29)
Logotron Logo – £65 ....(1.11.50)
Magpie multi-media – £58 ....(4.5.3)
Maps of the World – £27 ....(4.1.54)
Mental Maths – £19 ....(4.5.4)
Numerator – £80 ....(2.12.46)
Ollie Octopus Sketchpad (age: 4+) – £16..........(4.2.3)
Order & Chaos (for Numerator) – £18 ....(4.1.26)
PenDown – £58 ....(3.12.48/4.1.42/4.6.54)
• PenDown OUtline Fonts Disc – £19..............(4.9.3)
P.I.P.P. – £38 ....(3.12.51)
RiscType V2 – £19 ....(4.3.3)
RoboLOGO – £92 ....(4.4.54)
Tiny Logo + Tiny Draw – £32 ....(4.3.59)

Documentation

A3000 Technical Manual – £28 ....(3.8.2)
A540 Technical Manual – £65 ....
Assembly Language Book – £14 *(being reprinted)*(1.11.39)
Assembly Language Disc – £9 ....
Archimedes First Steps – £9 ....(3.6.17)

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD.
(Phone: 0603–766592, Fax –764011)

Holed Out Extra Coures 1 · £16 ....(2.10.5)
Holed Out Extra Coures 2 · £16 ....(2.10.5)
Holed Out Designer – £18 ....(3.9.60)
• Hostages – £19
Hoverbod – £14 ....(1.10.47)
Ibix the Viking – £18....................................(3.1.45)
Inertia – £18...(3.11.3)
Interdictor – £30 ....(3.2.40)
Jet Fighter – £14 ....(2.3.2)
Maddingly Hall – £14 ....(3.8.3)
Man at Arms – £19 ....(3.11.58)
MicroDrive – £18 ....(3.11.3)
Minotaur – £14 ....(1.3.34)
Memory Magic · £15 ....(3.11.3)
Missile Control – £14 ....(1.10.47)
Olympics · £19 ....(3.9.58)
Orion · £14..(2.1.45)
Pacmania · £18 ....(2.4.29)
Plague Planet – £11 ....(2.10.48)
Return to Doom – £19....................................
Last Days of Doom – £19...............................(3.7.3)
• Nevryon · £18..(3.12.2)
• Redshift · £17 ....(3.12.3)
Repton 3 – £18 ....(2.3.2)
Rotor – £23 ....(3.7.3)
Quazer – £11 ....(1.10.47)
Superior Golf – £18 ....(3.12.19)
Star Trader · £16 ....(2.5.31)
Talisman · £14 ....(3.8.4)
Terramex · £18 ....
Thundermonk · £14 ....(2.5.3)
Trivial Pursuit – £27 ....(3.6.41)
U.I.M. – £28 ....(3.7.21)
WordUpWordDown – £16 ....(2.5.31)
Zarch · £18..(1.2.33)

Z88

Z88 Computer · £230	Archimedes link – £35
128k ram pack · £49	Carrying case · £10
128k eprom pack · £49	Mains Adaptor · £10
Eprom eraser – £39	

A400 series prices

We are able to make special deals on ram and hard drives if they are purchased at the same time as the A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra ram fitted at £60 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a 420/1 equivalent is £1260 + £60 + £200 = **£1520** and a 440/1 costs £1260 + 3 * £60 + £390 = **£1830**.

If you want an Acorn monitor or a Cub 3000 at the same time, add £220, if you want a Philips CM8833, add £260, if you want a 14" Eizo 9060SZ monitor at the same time, add £500 and if you want a 16" Eizo 9070SZ monitor at the same time, add £860.

Bulletin Board Password

The password for the Archive bulletin board is still "Vauxhall" – phone 0603–745932.

Laser Direct in Stock

We have been able to get hold of some more Laser Directs from Computer Concepts. These will be available on a first come, first served basis.

Watford 310 ram boards very cheap!

We still have a couple of Watford ram boards which are going at 'silly' prices – first come first served. Please ring if you are interested. We have one 2M board at £240 instead of £330 and a 4M at £400 instead of £575.

Extra Small Ad

A310 + 5.25" drive £500. Philips CM8833 £200. Full software selection. A.C.Otway 0706–215381.

STOP PRESS!!!
New ARM3 Archimedes computer is launched

Acorn computers are just about to launch a "flag-ship" addition to the Archimedes range of computers. As far as we can gather at this stage, it is basically the R200 series hardware but without the Unix software. So it will presumably have ARM3 in a sub-board capable of being replaced by more powerful processors later (ARM4 including integral f.p.u.?) and will have ram, again in sub-boards, 4M in each up to a maximum of 16M.

Exactly what configuration is going to be offered and at what price and when, I don't know at this stage but if I find out anything else before the magazine is put into the envelopes, I will photocopy some details and add them in.

Archive Members' Price List – August 1990

(All prices include VAT and UK carriage)
(Numbers in brackets refer to issues of Archive magazine.)

Shareware Discs Nᵒ 0 to 26 & 30 to 32 – £3 each
Any 10 Shareware discs – £27
All 30 Shareware discs – £70
Careware Discs Nᵒ 1 to 8 – £6 each
All 8 Careware discs – £44
Prog. Disc Vol. 1 Issues 1 · 6 inc. on one disc · £3 ......
Program Discs 1.7, 1.8, 1.9 etc · £3 each ....(3.8.2)
Volume 1 to 3 program discs (31) – £65
Volume 3 program discs (12) – £28
Volume 4 program discs advance booking (12) – £33
Archive back issues · £2 each ....
Binder volume 1, 2, 3 or 4 · £5 ....(1.7.3)
Binders 1 to 4 – £16
3.5" Discs, top quality branded · 10 for £15 ....
Printer cable – £10 ....
Keyboard extension cable – £8 ....
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover · £11 ....

Oak SCSI Hard Drives

All drives INCLUDE a SCSI podule. Subtract £100 if you want a drive without a podule.
Oak SCSI Drives for 300/400 .(2.11.2, 3.2.10, 3.4.15)
  20M internal drive + SCSI pod – £400
  45M internal drive + SCSI pod – £525
• 80M internal drive + SCSI pod – £750
• 100M internal drive + SCSI pod – £990
• 200M internal drive + SCSI pod – £1370
  SCSI hard disc podule – £220
  20M external drive + SCSI pod – £560
  45M external drive + SCSI pod – £655
• 80M external drive + SCSI pod · £890
• 100M external drive + SCSI pod · £1130
• 200M external drive + SCSI pod · £1490
• 330M external drive + SCSI pod – £2395
• 512M external drive + SCSI pod – £2995
42M Removable hard drive – £1190 ....(3.11.44)
  extra 42M cartridges cartridges – £105
• 560M Magneto-optical drive – £3800 ....(3.8.32)
  Data cartridges for Magneto-optical drive – £310
Oak SCSI Tape streamers ....(3.4.3)
  60M SCSI Tape streamer – £1100
  150M SCSI Tape streamer – £1350
• 1 Gb SCSI Tapestreamer · £2995 ....(3.7.2)
  60M Cartridges – £34 each
  150M Cartridges – £37 each
  1 Gb Cartridges – £45 each
A3000 external drives
  20M external drive + SCSI pod · £560
  45M external drive + SCSI pod – £655
• 80M external drive + SCSI pod – £890
• 100M external drive + SCSI pod – £1130

• 200M external drive + SCSI pod – £1490
• 330M external drive + SCSI pod – £2395
• 512M external drive + SCSI pod – £2995
A3000 drives in monitor stand ....(3.11.45)
  20M drive + SCSI pod – £600
  45M drive + SCSI pod · £695
• 80M drive + SCSI pod – £930
• 100M drive + SCSI pod – £1170
• 200M drive + SCSI pod – £1530
A3000 SCSI hard disc podule – £220

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series · £210
Internal 40M (28ms) drive for A400 series – £330
Internal 47M (28ms) drive for A400 series – £410

Computers & Upgrades

A410/1 – £1260 (inc £100 free s/ware) ....(page iv)
Ram A410/1 – £60 per Mb (+ £10 if fitting req'd).......
Single Ram chips (in case you damage one!) – £10
ARM3 – 30MHz (Watford) · £460 ....(3.10.11)
• ARM3 – 30MHz (Aleph One) · £520 ....(3.10.11)
4 to 8M Upgrade (Atomwide) · £890 ....(3.11.25)
Econet module – £52..
Replacement 3.5" drive for 400/1 – £70..............(3.5.3)
A3000 computer – £680 (inc £50 free s/ware) ....
Learning Curve – £800
• 1 Mb A3000 upgrade (Morley) – £90 ......(3.3.3/3.6.2)
• 3 Mb A3000 upgrade (Morley) · £240 ....(3.3.3/3.6.2)
  1 Mb A3000 upgrade (Atomwide) · £90 ....(3.10.2)
• 3 Mb A3000 upgrade (Atomwide) · £355 ......(3.10.2)
• 1 Mb A3000 upgrade (Computerware) · £90 .(3.12.2)
• 3 Mb A3000 upgrade (Computerware) – £355(3.12.2)
A3000 Econet Module – £52 ....
A3000 Serial upgrade · £20................................

Monitors & Accessories

Acorn (Philips) colour monitor · £250 ....
Philips CM8833 14" colour monitor · £280 ....(2.9.2)
Microvitec Cub 3000, 14" colour – £240 ....(2.9.2)
Eizo 9060SZ 14" multi-sync colour · £520 ....(3.7.2)
Eizo 9070SZ 16" multi-sync colour · £880 ......(3.10.2)
Oak 20" multi-sync colour · £1550 ....(3.9.2)
Eizo 21" hi-res paper white – £1050 ....(3.9.2)
VIDC Enhancer · £35 ....(3.10.21)
A3000 Monitor stand – £33
Long monitor lead with sound – £15.................(3.12.2)

A310/A440 Upgrades

Replacement Mouse – £55 ....(3.5.3)
Replacement 3.5" drive for 310 · £100..............(3.5.3)
2nd internal 3.5" drive – £122............................
• 2M / 310 (Comp'ware) – £360 (inc fitting) ..(3.10.47)
• 4M / 310 (Comp'ware) · £540 (inc fitting) ..(3.10.47)
2M / 310 (Protokote) – £370 (inc fitting) ....(3.10.47)
4M / 310 (Protokote) · £575 (inc fitting).........(3.10.47)

New **ARM3 Archimedes computer!**

At a Press Conference on Thursday 6th September, Acorn Computers gave details of their new ARM3 based Archimedes computer, the A540. The features are as follows:

- 30MHz, ARM3 processor (ram speed 12MHz)
- 4 Mbyte ram expandable to 16Mbytes by plug-in modules
- 100M byte SCSI drive as standard (18 ms access time)
- RISC-OS (Same version as current Archimedes)
- 13.5 MIPs
- Runs standard VGA and SVGA monitors
- With PC Emulator it runs as fast as an AT

Price: £2995 + VAT (= £3444.25)

Availability: "At the end of September"

August Sales

We still have one or two items where we have excess stock that needs clearing.... (The ones in bold are new to the list this month.)

Hardware

• A540 – **We will match any price you can get anywhere else on the one we have left in stock.**

• 20M A3000 WorraWinnie SCSI drive – £365 (was £400)
• 80M A3000 WorraWinnie SCSI drive – £590 (was £700)
• 80M A300/400 WorraWinnie SCSI drive – £590 (was £700)
• **80M A300/400 Internal High Speed SCSI drive – £590 (was £740)**
• **40M A300/400 Internal SCSI High Speed drive – £450 (was £530)**

Software

• Hearsay – £35 (was £60)
• Numerator – £45 (was £80)
• Realtime Solids Modeller – £99 (was £163)
• Artisan 2 – £39 (was £56)
• U.I.M. – £12 (was £28)
• Olympics – £8 (was £19)
• PIPP – £18 (was £38)
• Holed Out– £15 (was £19)
• Drop Ship – £15 (was £19)
• Pysanki – £12 (was £19)
• Inertia – £15 (was £19)
• Man-at-Arms – £15 (was £20)

Monthly Program Disc

The contents of the monthly program disc...

Main items

Examples	several example files related to the reviews of Pendown Fonts Disc (p43), Arclight and Solid Render (p49), Scanlight Junior 256 (p25) and Tracer (p37)
Pipeline	various files related to Pipeline (p15)
Protext	protext function keystrip file (p22)
Target	target application to detect viruses (p12)

Extra bits

ArcScanIII	latest magazine (v4), program disc (v4), and pd disc indices

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LBP4 Special Offer!!!

I have done a deal on LBP4 printers. The normal Archive price was £970 but now I can sell them at £875 each. AND with this you get a 1M upgrade for the printer (which retails at £299) FREE! All you need is an LBP4 interface (£380) and you have, for not a lot more than the cost of a 300 d.p.i. Laser Direct (£1255 cf £1100), a 600 d.p.i. laser printer that will also run on a range of other computers.

A400/1 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1290 (and get a £100 software voucher with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £210, £320 or £400 for 20M, 40M or 47M respectively. (If you would prefer a SCSI drive, give us a ring and we'll arrange something.)

So a 440/1 equivalent would cost £1290 + 3 * £50 + £400 = £1840.

If you buy an Acorn 14" standard resolution monitor at the same time add £210, if you want an Eizo 9060SZ add £460 or for a Taxan 795 add £560.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Calling all chip extractors...

Please come in, your time is up! Would anyone who's borrowed a chip extractor in the last few months please return it as soon as possible. Thanks very much.

Duff Discs???

Apologies to all those who have recently received faulty discs from us. Hopefully we have now replaced all the offending discs. The hot weather seems to have increased copying errors - please bear with us while we treat the autoloader to ice-creams!

Bulletin Board Password

The password for the Archive bulletin board is 'speech' – phone 0603–745932.

Archive Members' Price List – August 1991

(All prices include VAT and UK carriage)

(Numbers in brackets refer to issues of Archive magazine.)
(• means either 'new product' or 'new price')

Shareware Discs Nº 0 to 26 & 30 to 40 – £3 each
Any 10 Shareware discs – £27
Careware Discs Nº 1 to 13 – £6 each
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3 ....
Program Discs 1.7, 1.8, 1.9 etc – £3 each............(3.8.2)
Volumes 1 to 4 program discs (43 discs) – £75
Volume 3 program discs (12) – £25
Volume 4 program discs (12) – £30
Archive back issues – £2 each......................................
Binder volume 1, 2, 3 or 4 – £5 each ....(1.7.3)
Binders 1 to 4 – £17 for four
3.5" Discs, top quality – 10 for £13, 50 for £60 ....
Preformatted discs – 10 for £10 ....
Preformatted discs – 50 for £45 ....
Preformatted discs – 100 for £80 ....
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover – £10
Annual Service Kit (2 batteries + fan filter) – £3 ....
Archive MUGS – £4 each, 4 for £12..............................

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule. Subtract £100 if you want a drive without a podule.

A300/400 SCSI hard disc podule – £230
New software for SCSI podules – £12 ....(4.7.9)

WorraWinnie SCSI Drives for 300/400...........(4.7.9)
• 20M internal drive + podule – £345
• 45M internal drive + podule – £430
• 80M internal drive + podule – £535
•100M internal drive + podule – £640
•200M internal drive + podule – £985
• 20M external drive + podule – £395
• 45M external drive + podule – £500
• 80M external drive + podule – £615
•100M external drive + podule – £730
•200M external drive + podule – £1030

High Speed SCSI Drives for 300/400 ....(4.7.9)
• 50M internal drive + podule – £480
•100M internal drive + podule – £680
•200M internal drive + podule – £1050
• 50M external drive + podule – £600
•100M external drive + podule – £800
•200M external drive + podule – £1200

Oak ELITE SCSI Drives for 300/400 ....(4.7.9)
• 50M external drive + podule – £790
•100M external drive + podule – £990
•200M external drive + podule – £1350
•300M external drive + podule – £1900
•640M external drive + podule – £2500

A3000 WorraWinnie external drives
• 20M external drive + podule – £395 ....(4.3.15)
• 45M external drive + podule – £500 ....(4.4.2)
• 80M external drive + podule – £615 ....(4.4.2)
•100M external drive + podule – £730
•200M external drive + podule – £1030
A3000 SCSI hard disc podule – £230

ClassROM System for Econet
Management software – £160.........................(4.10.3)
20M ....ClassROM unit – £395 ....(4.10.3)
45M ....ClassROM unit – £500 ....(4.10.3)
80M ....ClassROM unit – £615 ....(4.10.3)

MicroNet Removable SCSI Hard Drives
(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £555 ....(4.1.47)
External 42M +Oak A300/400 podule – £755
External 42M +Oak A3000 ext podule – £755
External 42M +Lingenuity A3000 int podule – £735
Extra 42M cartridges – £75

Atomwide Removable SCSI Hard Drives
(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £555 ....(4.7.12)
External 42M +Oak A300/400 podule – £755
External 42M +Oak A3000 ext podule – £755
External 42M +Lingenuity A3000 int podule – £735
Extra 42M cartridges – £75

Atomwide SCSI Hard Drives (<17 ms)
(Prices include cables – specify podule type)
Internal 48M – £330 ....(4.7.10)
Internal 48M (+Oak podule) – £530 ....
Internal 100M – £540 ....(4.7.10)
Internal 100M (+Oak podule) – £740 ....
External 48M – £420 ....
External 48M (+Oak podule) – £620 ....
External 48M (+Oak A3000 ext podule) – £620...........
External 48M (+Lingenuity A3000 int podule) – £600
External 100M – £640...
External 100M (+Oak podule) – £840 ....
External 100M (+Oak A3000 ext podule) – £840 ....
External 100M (+Lingenuity A3000 int podule) – £820

Oak ST506 Hard Drives
Internal 20M (28ms) drive for A400 series – £220
Internal 40M (28ms) drive for A400 series – £340
Internal 47M (28ms) drive for A400 series – £420

Xpress Bulk Disc Copier
50-disc copier, software & leads – £2750 (4.2.2, 4.4.2)
Extra 5¼" drive – £320 ....

A400 / 500 Computers & Upgrades

A410 – £1290 (inc £100 Archive voucher).....................
A420 Learning Curve – £1520 (+ £100 voucher) ....
A440 equivalent – £1840 (+ £100 voucher) ....
A540 – £3520 (+ £200 voucher) ....
4M Ram card for A540 – £540
Ram for A410 – £50 per Mb (+ £10 if fitting req'd) ....
Single RAM chips (in case you damage one!) – £7
ARM3 – 24MHz (Aleph One) – £420 ....(4.1.13)
ARM3 – 25MHz (CJE Micros) – £400 ....(4.1.3)
Fan Quietener (A400 only) – £21.................(4.5.2)
Econet module – £53 ....
Replacement keyboard for 400/1 – £123 ....
Replacement 3.5" drive for 400/1 – £72 ....(3.5.3)

A3000 Computers & Upgrades

A3000 computer – £695 (inc £50 free s/ware) ....
A3000 Learning Curve – £817 ....
A3000 Special Access – £798 ....(4.10.2)
A3000 Special Access + monitor – £1056 ....(4.10.2)
1 Mb A3000 upgrade (Morley) – £82 ....(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £245 ....(3.3.3/3.6.2)
1 Mb A3000 upgrade (Atomwide) – £82 ....(3.10.2)
3 Mb A3000 upgrade (Atomwide) – £280 ....(3.10.2)
A3000 Econet Module – £53 ....
A3000 Serial upgrade – £21 ....
A3000 User Port & Midi – £53 ....
Midi upgrade software – £10 ....(3.6.2)
A3000 User & Analogue Ports (Morley) – £74 (3.6.2)
A3000 Ext 3.5" drive for A3000 – £138 ....(3.6.2)
SCSI podule for A3000 (Lingenuity) – £170 ....
SCSI podule for A3000 (Oak) – £230...................

Monitors & Accessories

Acorn (Philips) monitor – £255 ....
Philips CM8833 14" monitor – £285 ....(2.9.2)
Eizo 9060SZ 14" multi-sync – £530.................(3.7.2)
Taxan 795 14" Trinitron m-sync – £600 ....(4.1.6 + 21)
Eizo 9070SZ 16" multi-sync – £900 ....(3.10.2)
Microvitec 20" multi-sync – £1450......................
VIDC Enhancer – £36 ....(3.10.21)
A3000 Monitor stand – £34..........................
Long monitor lead with sound (SCART) – £18 (3.12.2)

A310 / A440 Upgrades

Replacement Mouse (Acorn) – £56 ....(3.5.3)
Replacement Mouse cable (Digitec) – £11 ....
Replacement Mouse cable (Logitech) – £13 ....
Replacement 3.5" drive for 310 – £102 ....(3.5.3)
Second internal 3.5" drive – £125 ....
Replacement keyboard for 310/1 – £123 ....
MEMC1a upgrade for 310/440 – £76 ....(3.2.3)
ARM3 – 24MHz (Aleph One) – £420 ....(4.1.13)
ARM3 – 25MHz (CJE Micros) – £400 ....(4.1.3)
Econet module – £53 ....
Fan Quietener – £21 ....(4.5.2)
Acorn 2-slot backplane (inc fan) – £43 ....
I.F.E.L. 4-layer 4-slot backplane (inc fan) – £67 ....

Podules & External add-ons

5.25" drive interface (CJ Micros) – £36 ....
5.25" drive interface (Digital Svcs) – £39 ....(4.1.2)
ROM Podule – £54 ....(1.7.44)
  with battery backup – £64 ....
  32k RAM chips – £16 ....
Atomwide prototyping boards ....(4.4.46)
  Bare board with V1.3 ROM – £33 ....
  Fully built with ROM – £44.......................
  Fully built with RAM – £50.......................
  APEC utilities disc – £5 ....
Colour Digitiser Hawk V9 – £368 ....(3.7.13)
Ethernet Card – £276 ....(4.1.2)
Floating Point Co-Processor – £580 ....(4.2.43)
GT4000 colour flatbed scanner – £1955 ....(4.10.2)
GT4000 scanner interface only – £660 ....(4.10.2)
I/O Podule – £90...............................(1.7.38)
New software for I/O Podule – £12 ....(3.6.2)
Joystick (Voltmace) – £26 ....
Joystick/switch – £19 ....(4.1.4)
Midi podule – £76 ....(3.2.26)
Midi podule upgrade software – £16 ....(3.6.2)
Marconi Trackerball – £56 ....
ScanLight Plus (A4) – £434 ....(2.12.49)
Sheet feeder for Scanlight Plus – £107 ....
ScanLight Plus Junior – £209 ....
ScanLight Plus Junior A3000 – £209 ....
ScanLight Plus Junior 256 – £245 ....
ScanLight Plus Junior 256 A3000 – £245 ....
SCSI podule for A300/A400 (Acorn) – £276 ....
SCSI podule for A300/A400 (Lingenuity) – £189 ....
SCSI podule for A300/A400 (Oak) – £230...............

Connectors & Cables

Keyboard extension cable – £8 ....
Modem connecting lead – £12 ....
Printer cable (Centronics) – £10 ....
SCSI cable IDC to Amphenol – £16 ....(4.7.12)
SCSI cable D-type to Amphenol – £16 ....(4.7.12)
SCSI cable Amphenol to Amphenol – £16.......(4.7.12)
SCSI cable IDC to IDC – £16...................(4.7.12)

Printers & Accessories

• DeskJet 500 – £395 ....(4.11.2)
Panasonic KXP1081 9-pin printer – £158 ....
Panasonic KXP1124i 24-pin printer – £299 ....
Ribbons for KXP1124 – £11 each ....(3.10.3)
Centronics Printer cable – £10
Laser Direct 600 dpi (LBP8) – £1595 ....(4.11.2)
A4 paper tray (LBP8) – £54 ....(4.10.2)
• Canon LBP4 (inc 1M ram) – £875 ....(4.11.2)
LD interface for LBP4 – £380 ....(4.1.2)
• A4 paper feed unit + tray (250 sheets) – £105 (4.11.2)
Spare A4 paper tray (250 sheets) (LBP4) – £57(4.11.2)
Toner cartridge for LBP4 – £82 ....

Documentation (continued)

Assembly Language Disc – £9 ....
Archimedes First Steps – £9 ....(3.6.17)
BASIC V manual (Acorn) – £19 ....(2.8.2)
BASIC V Dabhand Guide – £9 ....(2.9.2)
C Dabhand Guide – £14 *(being reprinted)* ....(2.1.28)
C Guide Disc – £9 ....
DTP Seeds – £8 ....(4.9.36)
Guide to Acorn DTP (inc. disc) – £18 ....(3.4.55)
Operating System Book – £14 ....(2.6.45)
Operating System Disc – £9 ....(2.6.45)
RISC-OS Prog Ref Manual – £75 ....(3.1.53)
Z88 Dabhand Guide – £14 ....(3.9.57)

Games

3D Chess – £19.........................(4.9.2)
Adventure Lang Prog System (ALPS) – £33 ....(3.3.50)
Alerion – £15 ....(2.1.45)
Alien Invasion – £15.........................(3.12.20)
All-in Boxing – £15 ....(3.1.4)
Apocalypse – £29 ....(3.10.42)
Arcade 3 Compilation – £14 ....(3.1.44)
Arcade Soccer – £19.........................(3.10.35)
Arcendium – £15 ....(2.5.2)
Arc Trivia – £24 ....(2.7.52)
ArcPinball – £24 ....(4.5.2)
Ballarena – £19 ....(4.4.20)
Blowpipe – £20.........................(4.5.2)
Boogie Buggy – £23 ....(4.9.2)
Bug Hunter/MoonDash – £18 ....(3.10.26)
Bug Hunter in Space – £18.........................(4.4.52)
Caverns – £18 ....(3.5.2)
Cheat it again, Archie – £11 ....(2.7.55)
Chocks Away 2 – £24.........................(4.4.40)
Chocks Away Extra Missions – £19.........................(4.9.2)
Cops (Adventure) – £19 ....(3.7.48)
Creator (for Arcade Games) – £36 ....(4.10.3)
Crisis – £28 ....(4.3.2)
Drop Ship – £19 ....(4.4.52)
Enthar-7 – £27 ....(2.1.44)
E-Type – £19 ....(3.2.49)
E-Type Designer – £17.........................(3.3.2)
E-Type Extra 100 miles – £17 ....(3.3.2)
Family Favourites – £19.........................(3.8.59)
Fireball II – £24 ....(3.5.41)
• Fine Racer – £18 ....(4.10.3)
Freddy's Folly – £15 ....(2.1.45)
Herewith the Clues! – £24 ....(3.11.57)
Holed Out – £19 ....(2.9.38)
Holed Out Extra Coures 1 – £17.........................(2.10.5)
Holed Out Extra Coures 2 – £17.........................(2.10.5)
Holed Out Designer – £19 ....(3.9.60)
Hostages – £20 ....(4.4.16)
Hoverbod – £15 ....(1.10.47)
Ibix the Viking – £19 ....(3.1.45)

Inertia – £19 ....(3.12.43)
Interdictor 2 – £33 ....(4.2.17)
Iron Lord – £19.........................(4.5.3)
Jet Fighter – £15 ....(2.3.2)
Last Days of Doom/Hezarin – £19 ....(3.7.3)
Maddingly Hall – £15 ....(4.9.60)
Mad Professor Mariarti – £19 ....(4.5.3)
Mah Jong Patience – £19 ....(4.3.3)
Man at Arms – £20 ....(3.11.58)
Memory Magic – £16 ....(3.11.3)
MicroDrive – £19 ....(3.11.3)
MicroDrive Extra Courses – £15 ....(4.3.3)
MiG29 – £38.........................(4.10.24)
Minotaur – £15 ....(1.3.34)
Missile Control – £15 ....(1.10.47)
Nevryon – £19 ....(4.1.53)
Olympics – £20 ....(3.9.58)
Orion – £15 ....(2.1.45)
PipeMania – £24 ....(4.4.7)
Plague Planet – £15 ....(2.10.48)
Powerband – £24 ....(4.7.24)
Pysanki – £19 ....(4.4.52)
Quazer – £11 ....(1.10.47)
Redshift – £18.........................(3.12.3)
Repton 3 – £19 ....(2.3.2)
Return to Doom – £20 ....(4.7.27)
Rotor – £24 ....(3.7.3)
• Saloon Cars – £23 ....(4.11.3)
Square Route – £19 ....(4.5.4)
Star Trader – £17 ....(2.5.31)
Superior Golf – £19 ....(3.12.19)
Talisman – £15 ....(4.3.50)
The WIMP Game – £19 ....(4.3.42)
Thundermonk – £15 ....(2.5.3)
Trivial Pursuit – £28 ....(3.6.41)
Twinworld – £19.........................(4.7.50)
U.I.M. – £29 ....(3.7.21)
Ultrasonic sound system for Creator – £28 ....(4.10.4)
Wonderland – £32 ....(4.10.4)
WordUpWordDown – £17 ....(2.5.31)
Worldscape – £20 ....(4.5.4)
Zarch – £19.........................(1.2.33)

Z88

Z88 Computer – £235 ....
128k RAM pack – £50 ....
128k EPROM pack – £50 ....
EPROM eraser – £40 ....
Archimedes link – £36 ....
Carrying case – £10.........................
Mains Adaptor – £10 ....

Utilities

ArcDFS – £29 ....(3.11.55 + 3.12.30 + 4.1.48)
Archway2 – £92 ....(4.5.2)
ArcMonitor – £29 ....(4.4.2)
Broadcast Loader (Econet) – £75 ....(4.9.2)
CIS Utilities (inc Pro-Copier) – £17 ....(4.3.2)
Colour dump – Canon – £26 ....
Colour dump – Integrex – £26 ....
Colour dump – LC10 – £26 ....(3.3.28 + 3.9.59)
DataStore Utilities Disc Nº1 – £15 ....(3.2.32)
DataStore Utilities Disc Nº2 – £15 ....(4.6.2)
DiscTree – £45 ....(2.8.24)
FontFX – £10 ....(3.9.37)
Grey dumps (9-pin tone dump) – £13..............(2.6.47)
Instigator – £46 ....(2.10.5)
Investigator II – £27 ....(4.5.3)
Outline Font Starter Pack – £48 ....(3.5.3)
Outline Fonts 'Newhall' – £48 ....(3.5.3)
PC Emulator – £96 ....(1.5.24)
RISC-OS upgrade – £37 ....(2.7.20)
RISC-OS Companion – £51 ....(2.12.51)
Software Developer's Toolbox – £179..............(2.3.2)
TCP/IP Protocol Suite – £199 ....(4.2.3)
TCP/IP Protocol Suite Site Licence – £1020 ....(4.2.3)
TCP/IP Programmers Pack – £49 ....(4.2.3)
Timewatch – £29 ....(3.2.28)
Toolkit Plus – £43 ....(2.2.32)
WIMP Template Editor – £8 ....(2.5.29)
Worra Plotter – £28 ....(3.3.3)

Integrated Software

Desktop Office – £125 ....(4.1.40 + 4.2.55)
Home Accounts – £47 ....(2.10.29)
Minerva Business Accounts – £360 ....(4.1.3)
Minerva Nominal Ledger – £92 ....(4.1.3)
Minerva Ordering/Invoicing – £92 ....(4.1.3)
Minerva Purchase Ledger – £92 ....(4.1.3)
Minerva Sales Ledger – £92.............................(4.1.3)
Minerva Stock Management – £92 ....(4.1.3)
Office Tools – £325 ....(4.1.4)
Personal Accounts (Apricote) – £28 ....(4.2.53)
PipeDream 3 – £148 ....(2.12.23)
PipeDream Extended Dictionary – £8 ....(3.2.28)
ShareHolder – £135 ....(4.1.5)
The Account Book (Apricote) – £33 ....(4.2.53)
The Invoice Program (Apricote) – £33 ....(4.2.53)

Spreadsheets & Databases

Alphabase – £43 ....(2.5.37)
Ancestry – £71 ....(2.8.43)
Arcscan III Database – £18..............................(4.8.21)
DataVision – £135 ....(4.1.3)
Financial Accountant – £250 ....(4.1.3)
Flexifile – £135 ....(4.5.54)
Inter-Sheet disc – £31 ....(1.1.20)
Inter-Sheet ROM – £43 ....(1.1.20)
Knowledge Organiser – £56 ....(3.9.54)

Mailshot – £38 ....(2.6.27)
Matrix 3 – £91 ....(1.11.2)
Multistore II – £255 ....(3.4.33 / 3.6.46)
Reporter – £38 ....(2.6.27)
Schema – £112 ....(4.1.5 + 4.9.27)
SigmaSheet – £47 ....(1.11.52 + 1.9.28)
System Delta-Plus II – £71 ....(2.5.3)
System Delta-Plus Reference Manual – £28 ....

Educational Programs

Amazing Ollie (age: 4+) – £16 ....(4.2.2)
Astro (Astronomy programs) – £21 ....(4.2.2)
BookBinder (Musbury) – £50...........................(4.6.56)
Coffee (age: 9 – 15) – £33 ....(4.2.2)
Concept Designer – £26 ....(4.10.38)
Craftshop 1 – £34 ....(3.9.35)
Craftshop 2 – £34 ....(3.9.5)
Desktop Folio – £97 ....(4.5.2)
Desk Top Stories – £39....................................(2.12.48)
DigiSim – £41..(2.8.48)
Droom – £26 ....(1.7.42)
Dust – £33..(4.1.3)
Flight Path (age: 9+) – £33 ....(4.6.2)
Freddy Teddy – £21 ....(4.4.2)
Freddy Teddy's Adventure – £21 ....(4.4.2)
Fun School 2 (age: under 6's) – £20 ....(4.2.59)
Fun School 2 (age: 6 – 8's) – £20 ....(4.2.59)
Fun School 2 (age: 8+) – £20 ....(4.2.59)
Gate Array Design/Teaching – £135 ....(4.1.3)
Genesis II – £135 ....(4.3.3)
Geoscan Database – £39..................................(4.2.51)
Giant Killer Maths Adventure – £19 ....(4.5.3)
Giant Killer Support Disc – £17 ....(4.5.3)
HoneyPot – £48 ....(4.6.60)
House of Numbers – £24 ....(4.9.3)
Jiglet – £31 ....(4.4.30 + 4.5.17)
Jigsaw – £34 ....(3.5.27)
Landmarks (Egypt) – £21 ....(4.8.29)
Landmarks (2nd World War) – £21 ....(4.8.29)
Logotron Logo – £65 ....(1.11.50)
Magpie multi-media – £58 ....(4.5.3)
Maps of the World – £27 ....(4.1.54)
Mental Maths – £19 ....(4.5.4)
Numerator – £80 ....(2.12.46)
Ollie Octopus Sketchpad (age: 4+) – £16...........(4.2.3)
Order & Chaos (for Numerator) – £18 ....(4.1.26)
PenDown – £58 ....(3.12.48/4.1.42/4.6.54)
PenDown Outline Fonts Disc – £19 ....(4.9.3)
P.I.P.P. – £38 ....(3.12.51)
RiscType V2 – £19 ....(4.3.3)
RoboLOGO – £92 ....(4.4.54)
Tiny Logo + Tiny Draw – £32 ....(4.3.59)

Documentation

A3000 Technical Manual – £28 ....(3.8.2)
A540 Technical Manual – £65 ....
Assembly Language Book – £14 ....(1.11.39)

4

Printers (continued)

Laser Direct (Qume) 300 dpi – £1100 ....(3.12.6)
Qume toner set – £77 ....(4.1.4)
Qume drum set – £97 ....(4.1.4)
A4 paper tray (Qume) – £66 ....(4.10.2)

Languages

ABC–2 BASIC Compiler – £91 ....(2.5.16)
ABC Dynamic Extensions – £46 ....(3.1.2)
Acorn Assembler – £199 ....(3.4.51)
Adventure Lang Prog System (ALPS) – £33 ....(3.3.50)
ANSI–C (Release 3) – £148 ....
Cambridge Pascal – £72 ....(3.4.27)
C Front End – £19 ....(3.4.49)
Creator (for Arcade Games) – £36 ....(4.10.3)
Ultrasonic sound system for Creator – £28 ....(4.10.4)
Fortran 77 (Rel. 2) – £99 ....(1.7.26)
Iso-Pascal (Rel. 2) – £99 ....(1.9.24 + 1.11.14)
Logotron Logo – £65 ....(1.11.50)
Risc BASIC Compiler – £135 ....(2.9.32)
Risc Forth – £135 ....(2.2.23)
RoboLOGO – £92 ....(4.1.5)
Twin Editor – £30 ....
Wingpass Macro Assembler V2 – £48 ....(2.8.41)

Word-Processors & DTP

DTP from Acorn – £148 ....(2.12.41)
Easiword – £37 ....(3.9.2)
Equasor – £53 ....(4.6.47)
Expression PS (for Impression) – £22 ....(4.5.3)
First Word Plus 2 – £84 ....(3.4.40)
First Word Plus Extended Dictionary – £7.......(2.8.30)
First Fonts, Maths/Scientific – £21.................(2.1.32)
Graphic Writer – £28 ....(1.6.12)
Impression 2 DTP – £180 ....(4.5.49)
Impression Business Supplememt – £53 ....(4.10.3)
Impression Dongle Dangle – £6 ....(4.5.3)
Impression Junior – £91 ....(3.2.59)
Inter-Word ROM – £43 ....(1.1.20)
Inter-Word disc – £31 ....(1.1.20)
Ovation DTP – £107 ....(3.12.23)
Protext 5.0 – £138 ....(4.10.58)
ShowPage – £153 ....(4.5.4 + 4.9.45)
SpellMaster ROM – £56 ....(1.10.34)
SpellMaster disc – £42 ....(1.10.34)
Tempest DTP – £123 ....(3.10.50)
Wordwise Plus A (80 column) – £31 ....(3.5.5)
Wordwise Plus A (upgrade from BBC) – £10 (1.2.20)

Graphics & Clipart

Children's pictures – £19 ....(4.7.2)
History (Costume) Graphics Pack – £19 ....(4.7.39)
Maps of the World – £27 ....(4.1.54)
Pre-Historic Animals – £19 ....(4.7.39)
Tools – £27 ....(4.7.38)
World Wildlife Pack – £19........................(4.7.39)

Art / Drawing etc Packages

ArcImEd – £24 ....(1.12.42)
ArcLight – £47 ....(4.4.19)
ArcPCB – £163........................(2.1.2)
ArcPCB Professional – £327 ....(3.1.4)
Artisan 2 – £56 ....(3.5.53)
Art Nouveau – £42.50........................(2.6.17)
Atelier – £87 ....(2.12.46)
AutoSketch – £81 ....(1.7.3)
Drawing Board – £55 ....(2.5.33)
Euclid – £61 ....(3.1.50)
Film Maker – £92 ....(2.6.3)
GammaPlot – £47 ....(1.12.19)
GraphBox – £71 ....(2.8.4)
Imagine – £37........................(4.10.3)
Inter-Chart ROM – £28 ....(1.1.20)
Inter-Chart disc – £21........................(1.1.20)
Mogul (for Euclid) – £21 ....(3.1.50)
Poster (with fonts) –£95 ....(3.11.13)
Presenter II – £43 ....(1.11.46 + 3.3.23)
Presenter II with Hotlinks – £50........................(3.10.3)
Presentation System – £47 ....(2.7.20)
PrimeArt – £87 ....(4.10.4)
Pro-Artisan – £87 ....(2.3.19)
Realtime Solids Modeller – £163 ....(2.10.46)
Render Bender – £71 ....(2.9.23)
Revelation image processor – £82 ....(4.5.4)
Snippet – £31 ....(3.11.4)
Solid CAD – £135 ....(2.5.3)
Solids Render – £135 ....(4.1.5)
Solid Tools – £327 ....(4.1.5)
Splice – £26 ....(3.12.38)
Super-Dump – £29 ....(4.1.5)
Super-Plot – £38 ....(4.1.5)
Tracer (Midnight Graphics) – £57 ....(4.6.3)
Tween – £26 ....(3.12.38)
Worra-CAD – £82 ....(3.11.4)

Sound (Hardware & Software)

Acorn Midi podule – £76 ....(3.2.26)
ARCticulate – £23 ....(4.10.2)
Armadeus – £72 ....(2.9.17)
Armadeus sampler podule – £145 ....(2.9.17)
Arc Recorder – £33........................(4.10.2)
Rhapsody II – £57 ....(4.10.4)
Speech! – £19 ....(4.9.47)
Supersound Creations – £18........................(4.3.4)
Tracker – £47 ....(4.5.44)
UltraSonic Sound System – £28........................(4.10.4)

Communications

Acom – £29........................(4.3.40)
Arc-Comm 2 – £59 ....(4.9.2)
ArcTerm 7 – £77 ....(4.5.2)
Hearsay – £60 ....(1.12.22)
WS3000 V22bis modem – £320 ....(2.8.5)
Modem connecting lead – £13 ....

July Sales

We still have one or two items where we have excess stock that needs clearing.... (The ones in bold are new to the list this month.)

Hardware

- **A3000 Learning Curve for the price of an A3000 – £695 (was £817) (one only)**
- **A420 Learning Curve for the price of an A410 – £1290 (was £1520) (one only)**
- **A300/400 40M internal SCSI High Speed drive – £490 (was £530)**

Software

- **Hearsay – £35 (was £60)**
- **Numerator – £45 (was £80)**
- **Realtime Solids Modeller – £99 (was £163)**
- Artisan 2 – £39 (was £56)
- U.I.M. – £12 (was £28)
- Olympics – £8 (was £19)
- PIPP – £18 (was £38)
- Holed Out– £15 (was £19)
- Drop Ship – £15 (was £19)
- Pysanki – £12 (was £19)
- Inertia – £15 (was £19)
- Man-at-Arms – £15 (was £20)

Monthly Program Disc

The contents of the monthly program disc...

Main items

Update	update of Cy Booker's C>>Impress application (4.8 p19)
FontEd	outline font editor and an example pd font (p55)
Hints	programs to accompany the 'how long is a line?' hint (p7)
Pipeline	various files (compressed) related to Pipeline (p32)
RiscOs	!Ultimate app described in 'Developing a RISC OS Ulitity' (p52)

Extra bits

!IVSearch	'Icon' virus killer
arcscan	Archive (vol 4) and Arcscan3 files for various clip art
multistore	multistore database file of the UK STD codes
1stWord+	HP DeskJet 500 printer drivers omitted from the 4.9 disc
ArcScanIII	latest magazine (v4), program disc (v4), and pd disc indices

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20" Microvitec monitor £400 off!

We've made a special "end of year clearance" purchase from Microvitec of their 20" monitors. I could only afford to buy one because of the cash flow, but that one is available to the first buyer with £1050 available. The normal Archive discount price is £1450. If you are interested, give us a ring – first come first served.

This is the type of monitor that I have been using for DTP'ing the magazine and although it is physically rather large, it is the best colour monitor I have seen for use on the Archimedes with DTP.

LBP4 Special Offer!!!

I have got hold of two LBP4 printers at a special end of year price. The normal Archive price is £970 but I can sell these two at £890 each. AND they also include a 1M upgrade for the printer and a paper feed tray (which retail at £299 and £99 respectively) FREE! All you need is an LBP4 interface (£380) and you have, for slightly more than the cost of a 300 d.p.i. Laser Driect (£1170 cf £1100), a 600 d.p.i. laser printer that will also run on a range of other computers.

A400/1 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1290 (and get a £100 software voucher with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £210, £320 or £400 for 20M, 40M or 47M respectively. (If you would prefer a SCSI drive, give us a ring and we'll arrange something.)

So a 440/1 equivalent would cost £1290 + 3 * £50 + £400 = £1840.

If you buy an Acorn 14" standard resolution monitor at the same time add £210, if you want an Eizo 9060SZ add £460 or for a Taxan 795 add £560.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Bulletin Board Password

The password for the Archive bulletin board is 'speech' – phone 0603–745932.

Saloon Cars is here!

Just arrived! – 4th Dimension's racing simulator – £23.

Archive Members' Price List – July 1991

(All prices include VAT and UK carriage)

(Numbers in brackets refer to issues of Archive magazine.)
(• means either 'new product' or 'new price')

Shareware Discs Nº 0 to 26 & 30 to 40 – £3 each
Any 10 Shareware discs – £27
Careware Discs Nº 1 to 13 – £6 each
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3 ....
Program Discs 1.7, 1.8, 1.9 etc – £3 each...........(3.8.2)
Volumes 1 to 4 program discs (43 discs) – £75
Volume 3 program discs (12) – £25
Volume 4 program discs (12) – £30
Archive back issues – £2 each.................................
Binder volume 1, 2, 3 or 4 – £5 each ....(1.7.3)
Binders 1 to 4 – £17 for four
3.5" Discs, top quality – 10 for £13, 50 for £60 ....
- Preformatted discs – 10 for £10 ....
- Preformatted discs – 50 for £45 ....
- Preformatted discs – 100 for £80.................................
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover – £10
Annual Service Kit (2 batteries + fan filter) – £3 ....

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule. Subtract £100 if you want a drive without a podule.

A300/400 SCSI hard disc podule – £230
New software for SCSI podules – £12 ....(4.7.9)

WorraWinnie SCSI Drives for 300/400............(4.7.9)
- 20M internal drive + podule – £350
- 45M internal drive + podule – £450
- 80M internal drive + podule – £650
- 100M internal drive + podule – £860
- 200M internal drive + podule – £1270
- 20M external drive + podule – £400
- 45M external drive + podule – £500
- 80M external drive + podule – £700
- 100M external drive + podule – £910
- 200M external drive + podule – £1320

High Speed SCSI Drives for 300/400 ....(4.7.9)
- 40M internal drive + podule – £530
- 80M internal drive + podule – £740
- 100M internal drive + podule – £1040
- 200M internal drive + podule – £1550
- 40M external drive + podule – £740
- 80M external drive + podule – £940
- 100M external drive + podule – £1250
- 200M external drive + podule – £1760

Oak ELITE SCSI Drives for 300/400 ....(4.7.9)
- 40M external drive + podule – £880
- 80M external drive + podule – £1240
- 100M external drive + podule – £1450
- 200M external drive + podule – £1820

300M external drive + podule – £2470
640M external drive + podule – £3080

A3000 WorraWinnie external drives
- 20M external drive + podule – £400 ....(4.3.15)
- 45M external drive + podule – £500 ....(4.4.2)
- 80M external drive + podule – £700 ....(4.4.2)
- 100M external drive + podule – £910
- 200M external drive + podule – £1320

A3000 SCSI hard disc podule – £230

ClassROM System for Econet

- Management software – £160 ....(4.10.3)
- 20M ClassROM unit – £395 ....(4.10.3)
- 45M ClassROM unit – £495 ....(4.10.3)
- 80M ClassROM unit – £595 ....(4.10.3)

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £555 ....(4.1.47)
External 42M +Oak A300/400 podule – £755
External 42M +Oak A3000 ext podule – £755
External 42M +Lingenuity A3000 int podule – £735
Extra 42M cartridges – £75

Atomwide Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)
External 42M (20ms) (w/o podule) – £555 ....(4.7.12)
External 42M +Oak A300/400 podule – £755
External 42M +Oak A3000 ext podule – £755
External 42M +Lingenuity A3000 int podule – £735
Extra 42M cartridges – £75

Atomwide SCSI Hard Drives (<17 ms)

(Prices include cables – specify podule type)
Internal 48M (w/o podule) – £330 ....(4.7.10)
External 48M (w/o podule) – £420 ....
Internal 48M (Oak podule) – £530 ....
External 48M (Oak podule) – £620.......................
External 48M (Oak A3000 ext podule) – £620 ....
External 48M (Lingenuity A3000 int podule) – £600....
Internal 100M (w/o podule) – £540 ....(4.7.10)
External 100M (w/o podule) – £640 ....
Internal 100M (Oak podule) – £740 ....
External 100M (Oak podule) – £840 ....
External 100M (Oak A3000 ext podule) – £840...........
External 100M (Lingenuity A3000 int podule) – £820

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series – £220
Internal 40M (28ms) drive for A400 series – £340
Internal 47M (28ms) drive for A400 series – £420

Xpress Bulk Disc Copier

50-disc copier, software & leads – £2750 (4.2.2, 4.4.2)
Extra 5¼" drive – £320 ....

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD.
(Phone: 0603–766592, Fax –764011)

A400 / 500 Computers & Upgrades

A410 – £1290 (inc £100 Archive voucher)....................
A420 Learning Curve – £1520 (+ £100 voucher) ....
A440 equivalent – £1840 (+ £100 voucher) ....
A540 – £3520 (+ £200 voucher) ....
4M Ram card for A540 – £540
Ram for A410 – £50 per Mb (+ £10 if fitting req'd) ....
Single RAM chips (in case you damage one!) – £7
• ARM3 – 24MHz (Aleph One) – £420 ....(4.1.13)
ARM3 – 25MHz (CJE Micros) – £400 ....(4.1.3)
Fan Quietener (A400 only) – £21 ....(4.5.2)
Econet module – £53 ....
Replacement keyboard for 400/1 – £123 ....
Replacement 3.5" drive for 400/1 – £72 ....(3.5.3)

A3000 Computers & Upgrades

A3000 computer – £695 (inc £50 free s/ware) ....
A3000 Learning Curve – £817 ....
• A3000 Special Access – £798 ....(4.10.2)
• A3000 Special Access + monitor – £1056 ....(4.10.2)
1 Mb A3000 upgrade (Morley) – £82 ....(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £245 ......(3.3.3/3.6.2)
1 Mb A3000 upgrade (Atomwide) – £82 ....(3.10.2)
3 Mb A3000 upgrade (Atomwide) – £280 ....(3.10.2)
A3000 Econet Module – £53 ....
A3000 Serial upgrade – £21 ....
A3000 User Port & Midi – £53 ....
Midi upgrade software – £10 ....(3.6.2)
A3000 User & Analogue Ports (Morley) – £74 (3.6.2)
A3000 Ext 3.5" drive for A3000 – £138 ....(3.6.2)
SCSI podule for A3000 (Lingenuity) – £170 ....
SCSI podule for A3000 (Oak) – £230...............

Monitors & Accessories

Acorn (Philips) monitor – £255 ....
Philips CM8833 14" monitor – £285 ....(2.9.2)
Eizo 9060SZ 14" multi-sync – £530.............(3.7.2)
Taxan 795 14" Trinitron m-sync – £600 ...(4.1.6 + 21)
Eizo 9070SZ 16" multi-sync – £900 ....(3.10.2)
Microvitec 20" multi-sync – £1450.................
VIDC Enhancer – £36 ....(3.10.21)
A3000 Monitor stand – £34...........................
Long monitor lead with sound (SCART) – £18 (3.12.2)

A310 / A440 Upgrades

Replacement Mouse (Acorn) – £56 ....(3.5.3)
Replacement Mouse cable (Digitec) – £11 ....
Replacement Mouse cable (Logitech) – £13 ....
Replacement 3.5" drive for 310 – £102 ....(3.5.3)
Second internal 3.5" drive – £125 ....
Replacement keyboard for 310/1 – £123 ....
MEMC1a upgrade for 310/440 – £76 ....(3.2.3)
• ARM3 – 24MHz (Aleph One) – £420 ....(4.1.13)
ARM3 – 25MHz (CJE Micros) – £400 ....(4.1.3)
Econet module – £53 ....
Fan Quietener – £21 ....(4.5.2)
Acorn 2-slot backplane (inc fan) – £43 ....
I.F.E.L. 4-layer 4-slot backplane (inc fan) – £67 ....

Podules & External add-ons

5.25" drive interface (CJ Micros) – £36 ....
5.25" drive interface (Digital Svcs) – £39 ....(4.1.2)
ROM Podule – £54.................................(1.7.44)
  with battery backup – £64 ....
  32k RAM chips – £16 ....
Atomwide prototyping boards ....(4.4.46)
  Bare board with V1.3 ROM – £33 ....
  Fully built with ROM – £44.....................
  Fully built with RAM – £50.....................
  APEC utilities disc – £5 ....
Colour Digitiser Hawk V9 – £368 ....(3.7.13)
Ethernet Card – £276 ....(4.1.2)
Floating Point Co-Processor – £580 ....(4.2.43)
• GT4000 colour flatbed scanner – £1955 ....(4.10.2)
• GT4000 scanner interface only – £660 ......(4.10.2)
I/O Podule – £90................................(1.7.38)
New software for I/O Podule – £12 ....(3.6.2)
Joystick (Voltmace) – £26 ....
Joystick/switch – £19 ....(4.1.4)
Midi podule – £76 ....(3.2.26)
Midi podule upgrade software – £16 ....(3.6.2)
Marconi Trackerball – £56 ....
ScanLight Plus (A4) – £434 ....(2.12.49)
Sheet feeder for Scanlight Plus – £107 ....
ScanLight Plus Junior – £209 ....
ScanLight Plus Junior A3000 – £209 ....
ScanLight Plus Junior 256 – £245 ....
ScanLight Plus Junior 256 A3000 – £245 ....
SCSI podule for A300/A400 (Acorn) – £276 ....
SCSI podule for A300/A400 (Lingenuity) – £189 ....
SCSI podule for A300/A400 (Oak) – £230...............

Connectors & Cables

Keyboard extension cable – £8 ....
Modem connecting lead – £12 ....
Printer cable (Centronics) – £10 ....
SCSI cable IDC to Amphenol – £16 ....(4.7.12)
SCSI cable D-type to Amphenol – £16 ....(4.7.12)
SCSI cable Amphenol to Amphenol – £16........(4.7.12)
SCSI cable IDC to IDC – £16....................(4.7.12)

Printers & Accessories

Panasonic KXP1081 9-pin printer – £158 ....
Panasonic KXP1124 24-pin printer – £281 ....
32k buffer chip for KXP1124 – £16 ....
Cut-sheet feeder for KXP1124 – £128 ....(3.10.3)
Ribbons for KXP1124 – £11 each ....(3.10.3)
Centronics Printer cable – £10 ....
Laser Direct 600 dpi (LBP8) – £1595 ....(4.1.2)
A4 paper tray (LBP8) – £54 ....(4.10.2)
Toner cartridge for LBP8 – £82 ....
Canon LBP4 – £970 ....(4.1.2)
LD interface for LBP4 – £380 ....(4.1.2)
A4 paper tray (LBP4) – £57 ....(4.10.2)
Toner cartridge for LBP4 – £82 ....

Documentation (continued)

Assembly Language Disc – £9 ....
Archimedes First Steps – £9 ....(3.6.17)
BASIC V manual (Acorn) – £19 ....(2.8.2)
BASIC V Dabhand Guide – £9 ....(2.9.2)
C Dabhand Guide – £14 (being reprinted) ....(2.1.28)
C Guide Disc – £9 ....
DTP Seeds – £8 ....(4.9.36)
Guide to Acorn DTP (inc. disc) – £18 ....(3.4.55)
Operating System Book – £14 ....(2.6.45)
Operating System Disc – £9 ....(2.6.45)
RISC-OS Prog Ref Manual – £75 ....(3.1.53)
Z88 Dabhand Guide – £14 ....(3.9.57)

Games

3D Chess – £19..............................(4.9.2)
Adventure Lang Prog System (ALPS) – £33 ....(3.3.50)
Alerion – £15 ....(2.1.45)
Alien Invasion – £15.......................(3.12.20)
All-in Boxing – £15.......................(3.1.4)
Apocalypse – £29 ....(3.10.42)
Arcade 3 Compilation – £14 ....(3.1.44)
Arcade Soccer – £19......................(3.10.35)
Arcendium – £15 ....(2.5.2)
Arc Trivia – £24 ....(2.7.52)
ArcPinball – £24 ....(4.5.2)
Ballarena – £19 ....(4.4.20)
Blowpipe – £20.........................(4.5.2)
Boogie Buggy – £23 ....(4.9.2)
Bug Hunter/MoonDash – £18 ....(3.10.26)
Bug Hunter in Space – £18..............(4.4.52)
Caverns – £18 ....(3.5.2)
Cheat it again, Archie – £11 ....(2.7.55)
Chocks Away 2 – £24....................(4.4.40)
Chocks Away Extra Missions – £19..........(4.9.2)
Cops (Adventure) – £19 ....(3.7.48)
• Creator (for Arcade Games) – £36 ....(4.10.3)
Crisis – £28 ....(4.3.2)
Drop Ship – £19 ....(4.4.52)
Enthar-7 – £27 ....(2.1.44)
E-Type – £19 ....(3.2.49)
E-Type Designer – £17 ....(3.3.2)
E-Type Extra 100 miles – £17 ....(3.3.2)
Family Favourites – £19 ....(3.8.59)
Fireball II – £24 ....(3.5.41)
Fireball II + Fish + Pon (MiniPack5) – £28 ....(3.5.41)
Freddy's Folly – £15 ....(2.1.45)
Herewith the Clues! – £24 ....(3.11.57)
Holed Out – £19 ....(2.9.38)
Holed Out Extra Coures 1 – £17....(2.10.5)
Holed Out Extra Coures 2 – £17....(2.10.5)
Holed Out Designer – £19 ....(3.9.60)
Hostages – £20 ....(4.4.16)

Hoverbod – £15 ....(1.10.47)
Ibix the Viking – £19.............(3.1.45)
Inertia – £19 ....(3.12.43)
Interdictor 2 – £33..............(4.2.17)
Iron Lord – £19.................(4.5.3)
Jet Fighter – £15 ....(2.3.2)
Last Days of Doom/Hezarin – £19 ....(3.7.3)
Maddingly Hall – £15.............(4.9.60)
Mad Professor Mariati – £19 .....(4.5.3)
Mah Jong Patience – £19 ....(4.3.3)
Man at Arms – £20 ....(3.11.58)
Memory Magic – £16 ....(3.11.3)
MicroDrive – £19 ....(3.11.3)
MicroDrive Extra Courses – £15 ...(4.3.3)
• MiG29 – £37 ....(4.10.24)
MiniPack5 – Fireball II + Fish + Pon – £28 ....(3.5.41)
Minotaur – £15 ....(1.3.34)
Missile Control – £15 ....(1.10.47)
Nevryon – £19 ....(4.1.53)
Olympics – £20 ....(3.9.58)
Orion – £15 ....(2.1.45)
PipeMania – £24 ....(4.4.7)
Plague Planet – £15 ....(2.10.48)
Powerband – £24 ....(4.7.24)
Pysanki – £19 ....(4.4.52)
Quazer – £11....................(1.10.47)
Redshift – £18..................(3.12.3)
Repton 3 – £19 ....(2.3.2)
Return to Doom – £20 ....(4.7.27)
Rotor – £24 ....(3.7.3)
• Saloon Cars – £23 ....(just arrived!)
Square Route – £19 ....(4.5.4)
Star Trader – £17 ....(2.5.31)
Superior Golf – £19 ....(3.12.19)
Talisman – £15 ....(4.3.50)
The WIMP Game – £19 ....(4.3.42)
Thundermonk – £15 ....(2.5.3)
Trivial Pursuit – £28 ....(3.6.41)
Twinworld – £19.................(4.7.50)
U.I.M. – £29 ....(3.7.21)
• Ultrasonic sound system for Creator – £28...(4.10.4)
• Wonderland – £32 ....(4.10.4)
WordUpWordDown – £17 ....(2.5.31)
Worldscape – £20 ....(4.5.4)
Zarch – £19....................(1.2.33)

Z88

Z88 Computer – £235 ....
128k RAM pack – £50 ....
128k EPROM pack – £50 ....
EPROM eraser – £40 ....
Archimedes link – £36 ....
Carrying case – £10............
Mains Adaptor – £10 ....

Printers (continued)
Laser Direct (Qume) 300 dpi – £1100 ....(3.12.6)
Qume toner set – £77 ....(4.1.4)
Qume drum set – £97 ....(4.1.4)
A4 paper tray (Qume) – £66 ....(4.10.2)

Languages
ABC–2 BASIC Compiler – £91 ....(2.5.16)
ABC Dynamic Extensions – £46 ....(3.1.2)
Acorn Assembler – £199 ....(3.4.51)
Adventure Lang Prog System (ALPS) – £33 ....(3.3.50)
ANSI–C (Release 3) – £148 ....
Cambridge Pascal – £72 ....(3.4.27)
C Front End – £19 ....(3.4.49)
• Creator (for Arcade Games) – £36 ....(4.10.3)
• Ultrasonic sound system for Creator – £28 ....(4.10.4)
Fortran 77 (Rel. 2) – £99 ....(1.7.26)
Iso-Pascal (Rel. 2) – £99 ....(1.9.24 + 1.11.14)
Logotron Logo – £65 ....(1.11.50)
Risc BASIC Compiler – £135 ....(2.9.32)
Risc Forth – £135 ....(2.2.23)
RoboLOGO – £92...(4.1.5)
Twin Editor – £30 ....
Wingpass Macro Assembler V2 – £48 ....(2.8.41)

Word-Processors & DTP
DTP from Acorn – £148 ....(2.12.41)
Easiword – £37 ....(3.9.2)
Equasor – £53 ....(4.6.47)
Expression PS (for Impression) – £22 ....(4.5.3)
First Word Plus 2 – £84 ....(3.4.40)
First Word Plus Extended Dictionary – £7........(2.8.30)
First Fonts, Maths/Scientific – £21...................(2.1.32)
Graphic Writer – £28 ....(1.6.12)
Impression 2 DTP – £180 ....(4.5.49)
• Impression Business Supplement – £53........(4.10.3)
Impression Dongle Dangle – £6 ....(4.5.3)
Impression Junior – £91 ....(3.2.59)
Inter-Word ROM – £43 ....(1.1.20)
Inter-Word disc – £31....................................(1.1.20)
Ovation DTP – £107......................................(3.12.23)
Protext 5.0 – £138...(4.10.58)
ShowPage – £153 ....(4.5.4 + 4.9.45)
SpellMaster ROM – £56 ....(1.10.34)
SpellMaster disc – £42 ....(1.10.34)
Tempest DTP – £123 ....(3.10.50)
Wordwise Plus A (80 column) – £31 ....(3.5.5)
Wordwise Plus A (upgrade from BBC) – £10 (1.2.20)

Graphics & Clipart
Children's pictures – £19 ....(4.7.2)
History (Costume) Graphics Pack – £19 ....(4.7.39)
Maps of the World – £27 ....(4.1.54)
Pre-Historic Animals – £19 ....(4.7.39)
Tools – £27 ....(4.7.38)
World Wildlife Pack – £19................................(4.7.39)

Art / Drawing etc Packages
ArcInEd – £24 ....(1.12.42)
ArcLight – £47 ....(4.4.19)
ArcPCB – £163...(2.1.2)
ArcPCB Professional – £327 ....(3.1.4)
Artisan 2 – £56 ....(3.5.53)
Art Nouveau – £42.50....................................(2.6.17)
Atelier – £87 ....(2.12.46)
AutoSketch – £81 ....(1.7.3)
Drawing Board – £55 ....(2.5.33)
Euclid – £61 ....(3.1.50)
Film Maker – £92 ....(2.6.3)
GammaPlot – £47 ....(1.12.19)
GraphBox – £71 ....(2.8.4)
• Imagine – £37 ....(4.10.3)
Inter-Chart ROM – £28 ....(1.1.20)
Inter-Chart disc – £21...................................(1.1.20)
Mogul (for Euclid) – £21 ....(3.1.50)
Poster (with fonts) –£95 ....(3.11.13)
Presenter II – £43 ....(1.11.46 + 3.3.23)
Presenter II with Hotlinks – £50.....................(3.10.3)
Presentation System – £47 ....(2.7.20)
• PrimeArt – £87 ....(4.10.4)
Pro-Artisan – £87 ....(2.3.19)
Realtime Solids Modeller – £163 ....(2.10.46)
Render Bender – £71 ....(2.9.23)
Revelation image processor – £82 ....(4.5.4)
Snippet – £31 ....(3.11.4)
Solid CAD – £135 ....(2.5.3)
Solids Render – £135 ....(4.1.5)
Solid Tools – £327 ....(4.1.5)
Splice – £26 ....(3.12.38)
Super-Dump – £29 ....(4.1.5)
Super-Plot – £38 ....(4.1.5)
Tracer (Midnight Graphics) – £57 ....(4.6.3)
Tween – £26 ....(3.12.38)
Worra-CAD – £82 ....(3.11.4)

Sound (Hardware & Software)
Acorn Midi podule – £76 ....(3.2.26)
• ARCticulate – £23 ....(4.10.2)
Armadeus – £72 ....(2.9.17)
Armadeus sampler podule – £145 ....(2.9.17)
• Arc Recorder – £33 ....(4.10.2)
• Rhapsody II – £57 ....(4.10.4)
Speech! – £19 ....(4.9.47)
Supersound Creations – £18 ....(4.3.4)
Tracker – £47 ....(4.5.44)
• UltraSonic Sound System – £28 ....(4.10.4)

Communications
Acorn – £29...(4.3.40)
Arc-Comm 2 – £59 ....(4.9.2)
ArcTerm 7 – £77 ....(4.5.2)
Hearsay – £60 ....(1.12.22)
WS3000 V22bis modem – £320 ....(2.8.5)
Modem connecting lead – £13 ....

Utilities

ArcDFS – £29 ....(3.11.55 + 3.12.30 + 4.1.48)
Archway2 – £92 ....(4.5.2)
ArcMonitor – £29 ....(4.4.2)
Broadcast Loader (Econet) – £75 ....(4.9.2)
CIS Utilities (inc Pro-Copier) – £17...................(4.3.2)
Colour dump – Canon – £26...............................
Colour dump – Integrex – £26 ....
Colour dump – LC10 – £26 ....(3.3.28 + 3.9.59)
DataStore Utilities Disc Nº1 – £15 ....(3.2.32)
DataStore Utilities Disc Nº2 – £15 ....(4.6.2)
DiscTree – £45 ....(2.8.24)
FontFX – £10 ....(3.9.37)
Grey dumps (9-pin tone dump) – £13...............(2.6.47)
Instigator – £46 ....(2.10.5)
Investigator II – £27 ....(4.5.3)
Outline Font Starter Pack – £48 ....(3.5.3)
Outline Fonts 'Newhall' – £48 ....(3.5.3)
PC Emulator – £96 ....(1.5.24)
RISC-OS upgrade – £37 ....(2.7.20)
RISC-OS Companion – £51 ....(2.12.51)
Software Developer's Toolbox – £179................(2.3.2)
TCP/IP Protocol Suite – £199 ....(4.2.3)
TCP/IP Protocol Suite Site Licence – £1020 ....(4.2.3)
TCP/IP Programmers Pack – £49......................(4.2.3)
Timewatch – £29 ....(3.2.28)
Toolkit Plus – £43 ....(2.2.32)
WIMP Template Editor – £8 ....(2.5.29)
Worra Plotter – £28 ....(3.3.3)

Integrated Software

Desktop Office – £125 ....(4.1.40 + 4.2.55)
Home Accounts – £47 ....(2.10.29)
Minerva Business Accounts – £360 ....(4.1.3)
Minerva Nominal Ledger – £92 ....(4.1.3)
Minerva Ordering/Invoicing – £92 ....(4.1.3)
Minerva Purchase Ledger – £92 ....(4.1.3)
Minerva Sales Ledger – £92.............................(4.1.3)
Minerva Stock Management – £92 ....(4.1.3)
Office Tools – £325 ....(4.1.4)
Personal Accounts (Apricote) – £28 ....(4.2.53)
PipeDream 3 – £148 ....(2.12.23)
PipeDream Extended Dictionary – £8 ....(3.2.28)
ShareHolder – £135 ....(4.1.5)
The Account Book (Apricote) – £33 ....(4.2.53)
The Invoice Program (Apricote) – £33 ....(4.2.53)

Spreadsheets & Databases

Alphabase – £43 ....(2.5.37)
Ancestry – £71 ....(2.8.43)
Arcscan III Database – £18...............................(4.8.21)
DataVision – £135 ....(4.1.3)
Financial Accountant – £250 ....(4.1.3)
Flexifile – £135 ....(4.5.54)
Inter-Sheet disc – £31 ....(1.1.20)
Inter-Sheet ROM – £43 ....(1.1.20)
Knowledge Organiser – £56 ....(3.9.54)

Mailshot – £38 ....(2.6.27)
Matrix 3 – £91 ....(1.11.2)
Multistore II – £255 ....(3.4.33 / 3.6.46)
Reporter – £38 ....(2.6.27)
Schema – £112 ....(4.1.5 + 4.9.27)
SigmaSheet – £47 ....(1.11.52 + 1.9.28)
System Delta-Plus II – £71 ....(2.5.3)
System Delta-Plus Reference Manual – £28 ....

Educational Programs

Amazing Ollie (age: 4+) – £16...........................(4.2.2)
Astro (Astronomy programs) – £21 ....(4.2.2)
BookBinder (Musbury) – £50...........................(4.6.56)
Coffee (age: 9 – 15) – £33 ....(4.2.2)
Concept Designer – £26 ....(4.10.38)
Craftshop 1 – £34 ....(3.9.35)
Craftshop 2 – £34 ....(3.9.5)
Desktop Folio – £97 ....(4.5.2)
Desk Top Stories – £39....................................(2.12.48)
DigiSim – £41..(2.8.48)
Droom – £26 ....(1.7.42)
Dust – £33..(4.1.3)
Flight Path (age: 9+) – £33 ....(4.6.2)
Freddy Teddy – £21 ....(4.4.2)
Freddy Teddy's Adventure – £21 ....(4.4.2)
Fun School 2 (age: under 6's) – £20 ....(4.2.59)
Fun School 2 (age: 6 – 8's) – £20 ....(4.2.59)
Fun School 2 (age: 8+) – £20 ....(4.2.59)
Gate Array Design/Teaching – £135 ....(4.1.3)
Genesis II – £135 ....(4.3.3)
Geoscan Database – £39...................................(4.2.51)
Giant Killer Maths Adventure – £19 ....(4.5.3)
Giant Killer Support Disc – £17 ....(4.5.3)
HoneyPot – £48 ....(4.6.60)
House of Numbers – £24 ....(4.9.3)
Jiglet – £31 ....(4.4.30 + 4.5.17)
Jigsaw – £34 ....(3.5.27)
Landmarks (Egypt) – £21 ....(4.8.29)
Landmarks (2nd World War) – £21 ....(4.8.29)
Logotron Logo – £65 ....(1.11.50)
Magpie multi-media – £58 ....(4.5.3)
Maps of the World – £27 ....(4.1.54)
Mental Maths – £19 ....(4.5.4)
Numerator – £80 ....(2.12.46)
Ollie Octopus Sketchpad (age: 4+) – £16...........(4.2.3)
Order & Chaos (for Numerator) – £18 ....(4.1.26)
PenDown – £58 ....(3.12.48/4.1.42/4.6.54)
PenDown Outline Fonts Disc – £19 ....(4.9.3)
P.I.P.P. – £38 ....(3.12.51)
RiscType V2 – £19 ....(4.3.3)
RoboLOGO – £92 ....(4.4.54)
Tiny Logo + Tiny Draw – £32 ....(4.3.59)

Documentation

A3000 Technical Manual – £28 ....(3.8.2)
A540 Technical Manual – £65 ....
Assembly Language Book – £14 ....(1.11.39)

Eureka »» 'Archive BBS'

It's no longer 'Eureka 1' and 'Eureka 2'. Eureka 1 is being bought out by its sysop, Carl Wright, and will be completely independent of Archive. Eureka 2 will henceforth be known as Archive BBS, and remains under our sponsorship. I supplied the board with a 440 for which Alan bought a 40M drive. Unfortunately, a loose screw rolling around on the p.c.b. played havoc with the computer and it has had to go back to the suppliers for repair. Drat! We hope to get it going soon and to add an extra two line to cope with the large number of callers.

The Archive BBS password this month is WARWICK.

Missing Diagram

The diagram below is the screen dump that was referred to on page 44, para 6. Apologies to Gerald Fitton for missing it out!
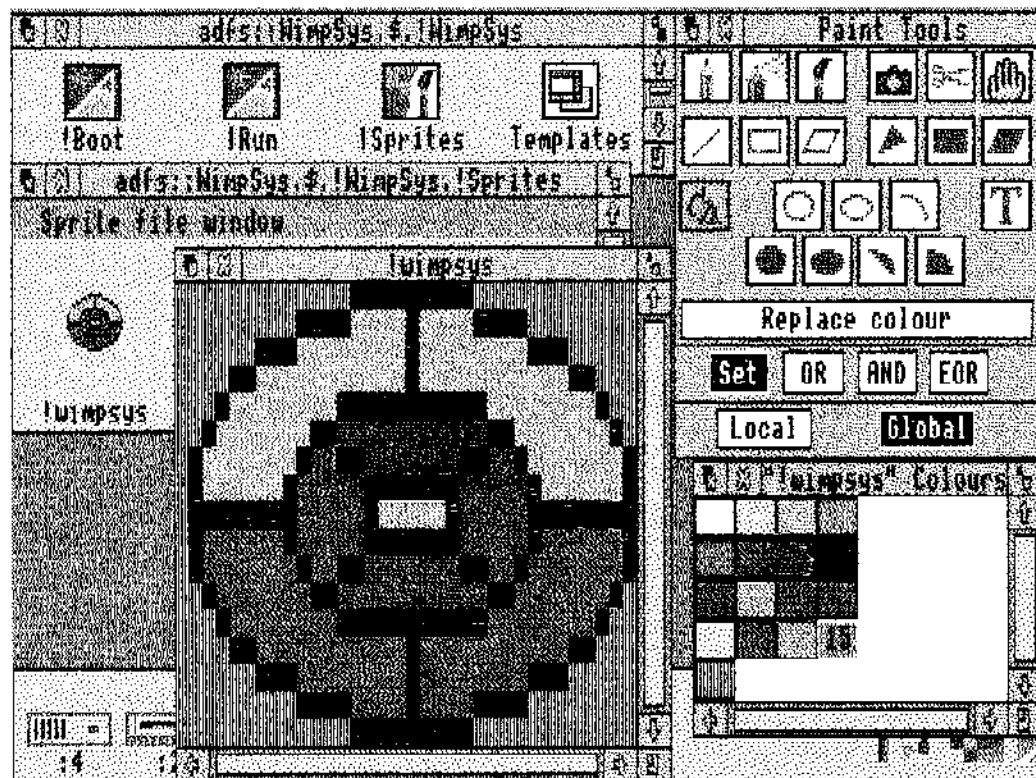
Overseas Prices

Overseas (non-U.K.) Archivists, when buying items from the order form, subtract the VAT from the prices (15% on most items, but zero on subscriptions, back issues, manuals and books) then add something to each item to cover the extra postage.

E.g. *Archive binder £5.50 / 1.15 = £4.78 add a bit for postage, so send £6 for Europe or £9 or £9.50 or £10 for airmail to other parts of the world.*

Or *Programmers Ref Manual £28 (No VAT), add £2 extra postage for Europe or £7, £9, or £11 for airmail to other parts (or £3 surface mail)*

Payment

Send a Eurocheque or a sterling cheque drawn on a U.K. bank. (If you can only send local currency, add £6 for bank commission.) Or use our Girobank a/c no 2341107 to pay by direct transfer.

Archive Members' Price List – July 1989

(All prices are inc VAT and UK carriage)
Archive

Graphics Demo Disc – £3 ....(2.3.4)
Shareware Disc Nº 1 – £3 ....(2.3.4)
Shareware Disc Nº 2 – £3 ....(2.6.50)
Shareware Disc Nº 3 – £3 ....(2.3.4)
Shareware Disc Nº 4 – £3 ....(2.7.54)
Shareware Disc Nº 5 (Music) – £3 ....(2.7.4)
Shareware Disc Nº 6 (FWPlus) – £3 ....(2.7.4)
Shareware Disc Nº 7 (Index Progs) – £3....(2.7.2)
Shareware Disc Nº 8 (Invaders) – £3 ....(2.8.3)
Shareware Disc Nº 9 – £3 ....(2.8.3)
Shareware Disc Nº 10 – £3 ....(2.9.53)
Shareware Disc Nº 11 (Concerti) – £3.......(2.8.3)
Careware Disc Nº 1 – £6 ....(2.10.2)
Program Disc, Vol. Iss. 1 – 6 on one disc – £9...
Program Discs Vol. 1 Iss. 7 onwards – £3 each .
WIMP Template Editor – £8 ....(2.5.29)
Archive Back issues – £1.80 each ....
Binder volume 1 – £5.50 ....(1.7.3)
Binder volume 2 – £5.50 ....
3.5" Discs, top quality branded – 10 for £16 ......
Archimedes dust cover – £11.50 ....

RISC-OS (prices while stocks last)

RISC-OS package (Acorn) – £36 ....(2.7.20)
(Overseas exVAT, inc postage prices: Europe £36, M.East £44, Africa/America £46, Rest of world £47) **(Full prices £70, £70, £78, £80, £81)**

Hardware – Hard Drives

Acorn hard disc podule (inc metalwork etc) **– £250**
Acorn internal 20 M hard drive + podule – £485
Computerware Hard Drives ....(2.9.54)
Internal 20 M drive + podule – £390 ....
Internal 40 M drive + podule – £590 ....
Hard Disc Podule (inc metalwork + cables)– £240 ..
External 20 M drive + psu – £335 ....
External 40 M drive + psu – £485 ....
External 60 M drive + psu – £740 ....
Internal 20 M drive for A410/1 – £230 ....
Internal 40 M drive for A410/1 – £420 ....
G.E.S. Computers Hard Drives ....(2.10.6)
Internal 40 M drive + podule – £630 ....
Internal 40 M drive for A410/1 – £445 ....

Watford Hard Drives ....(page iii)
Internal 20M + podule – £430 ....
Internal 40M + podule – £500 ....

Hardware – General

A410/1 – £1380 (inc £100 free s/ware) ..(2.10.2)
1 Mbyte Upgrade for A410/1 – £185 ....
3 Mbyte Upgrade for A410/1 – £545 ....
2 Mbyte Upgrade for A420/1 – £365 ....
Acorn (Philips) colour monitor – £250
Marconi Trackerball – £55 ....(page iii)
Hitachi Multi-sync 560 – £530 ....
Eizo 9060S multi-sync monitor – £555 ....
2-slot Backplane (Acorn) – £42 ....
4-slot Backplane (inc fan) (Atomwide) – £63 ....
4-slot Backplane (inc fan) (Comp'ware) – £53 ..
4-slot Backplane (inc fan) (Watford) – £56 ...
1/2 meg RAM upgrade for A305 – £130 ....
3.5" disc up-grade – £122 ....
Econet module – £46 ....
Acorn I/O Podule – £84 ....(1.7.38)
Midi add-on to I/O (a) – £41 ....
PAL programmer (Atomwide) – £220 ....(2.9.2)
ROM Podule (cc) – £53.............................(1.7.44)
with battery backup (cc) – £63 ....
32k RAM chips (cc) – £12.50............................
ScanLight (cc) – £495.............................(2.9.3)
Lingenuity Colour Conv'ter – £185 .... (2.2.2/3)
Watford V-Digitiser – £288 (inc demo disc)..(1.9.45)

Languages

ABC–2 BASIC Compiler (d) – £89 ....(2.5.16)
Risc BASIC Compiler (s) – £89...............(2.9.32)
Assembly Language Book (d) £13.50 ....(1.11.39)
Assembly Language Disc (d) £8.50.....................
ANSI–C (Release 2) (a) – £99 ....
C Guide (d) – £13.50....................................(2.1.28)
C Guide Disc (d) – £8.50 ....
Iso-Pascal (Rel. 2) (a) – £99 ....(1.9.24 + 1.11.14)
Fortran 77 (Rel. 2) (a) – £99 ....(1.7.26)
Lisp (a) – £199................................(1.12.14 + 2.3.37)
Logotron Logo – £64 ....(1.11.50)
Prolog System X (a) – £179 ....(2.10.34)
Risc Forth (s) – £89 ....(2.2.23)
Twin Editor (a) – £29 ....

Word-Processors etc (1.12.44)

DTP from Acorn – £145 ....(2.10.2)
First Word Plus (a) – £82 ....(1.10.18)
FWP Extended Dictionary – £6.50 ....(2.8.30)
First Fonts, Maths/Scientific – £20 ....(2.1.32)
Graphic Writer (cl) – £27 ....(1.6.12)
Inter-Word ROM (cc) – £42 (disc – £30) ...(1.1.20)
NewsMaster 2 DTP (uses PC emltr) – £63 (2.9.2)
PrintMaster (uses PC emltr) (LTS) – £42..(2.9.2)
SpellMaster ROM (cc) – £55 (disc – £41)(1.10.34)
Wordwise Plus (cc) – £30 ....(1.2.20)
WordwisePlus up-grade (cc) – £10 ....(1.2.20)

Art / Drawing etc Packages

ArcImEd (Jansons) – £23 ....(1.12.42)
ArcPCB (s) – £170 ....(2.1.2)
Artisan (cl) – £37 ....(1.5.19)
Artisan Support Disc (cl) – £18 ....(1.8.46)
Art Nouveau – £42.50 ....(2.6.17)
Atelier (m) – £85 ....(2.10.2)
AutoSketch – £79 ....(1.7.3)
Drawing Board (Jansons) – £54 ....(2.5.33)
Euclid (RISC-OS version) – £60 ....(2.10.2)
Film Maker (s) – £69 ....(2.6.3)
GammaPlot (m) – £59 ....(1.12.19)
GraphBox (m) – £69 ....(2.8.4)
Inter-Chart ROM (cc) – £27 (disc – £20) (1.1.20)
Presenter – £23 ....(1.11.46)
Presentation System (s) – £46 ....(2.7.20)
Pro-Artisan (cl) – £143 ....(2.3.19)
PDT CAD (inc 1year tech help) – £320 ...(2.6.54)
Realtime Solids Modeller (s) – £79 ......(2.10.46)
Render Bender (cl) – £69 ....(2.9.23)
Solid CAD (s) £46 ....(2.5.3)
Super-Dump (s) – £23 ....

Sound (Hardware & Software)

SoundSampler A448 – £150 ....(2.9.3)
SoundSampler A448b – £180 ....(2.9.3)
SoundSampler A448m – £210 ....(2.9.3)
SoundSampler A616 – £1290 ....(2.9.3)
Spectra SFFT software – £66 ....(2.9.3)
SoundSynth – £48 ....(1.8.16)
Creations – £18 ....
Studio 24 Plus – £89 ....

Communications

ArcComm – £28 ....(2.10.2)
Hearsay (Beebug) – £59 ....(1.12.22)
WS3000 V22bis modem – £350 ....(2.8.5)
Amstrad SM2400 modem – £235 ....(2.8.5)
Modem connecting lead – £10 ....

Utilities

ArcBuffer (cl) – £18 ....(2.1.30)
Archway (WIMP tools) – £70 ....(2.10.31)
Beebug Special disc incArcScan – £10 (2.10.53)
Colour dump – Integrex – £25 ....
Colour dump – Canon – £25 ....
DiscTree (RISC-OS) – £44 ....(2.8.24)
Desktop Enhancer (Arthur) – £27 ....(1.12.40)
Key-Define – £13 ....(2.1.37)
Grey dumps (9-pin tone dump) – £13 ....(2.6.47)
PC Emulator (a) – £95 ....(1.5.24)
RISC-OS Companion – £50 ....(2.10.3)
S/w Developer's Toolbox (a) – £125 ....(2.3.2)
Toolkit Plus (cl) – £42 ....(2.2.32)

Integrated Software

Home Accounts (m) – £46 ....(2.10.29)
PipeDream (co) – £99 ....(1.10.35)
PipeDream SpellCheck (co) – £45 ....(2.4.19)
PipeDream Demo Disc (co) – £5 ....
Logistix (a) – £99 ....(1.9.31 + 1.10.4)

Spreadsheets & Databases

Ancestry (m) – £69 ....(2.8.43)
Alphabase (cl) – £42 ....(2.5.37)
Flying Start II – £89 ....(1.12.52)
System Delta-Plus II (m) – £69 ....(2.5.3)
System Delta-Plus Refrnce Manual (m) £27
Reporter (m) – £37 ....(2.6.27)
Mailshot (m) – £37 ....(2.6.27)
Inter-Sheet ROM (cc) – £42 (disc – £30)....(1.1.20)
Matrix 3 – £89 ....(1.11.2)
SigmaSheet (m) – £59 ....(1.11.52 + 1.9.28)

Educational Games

Droom – £20..(1.7.42)
Desk Top Stories – £31
Bumper Pack 1 (Reading)– £18 ....(1.2.34)
Bmp Pack 2 (Arith, English + Crossw'ds) – £18

Digital Circuit Simulators!

DigiSim – £40 ....(2.8.48)
Gate Array Teaching System (s) – £79 ......(2.6.3)

Documentation

BASIC V manual (a) – £19 ....(2.8.2)
Dabs BASIC V Guide – £9 ....(2.9.2)
Operating System Book (d) – £13.50 ....(2.6.45)
Operating System Disc (d) – £8.50 ....(2.6.45)
Programmers' Reference Manual – £28 ....

Games

Alerion (d) – £14 ....(2.1.45)
AlphaBlockers Quiz Game – £13 ....(1.12.39)
Arcade 3 Compilation (cl) – £14 ....(2.5.2)
Arcendium (d) – £14 ....(2.5.2)
Arc Trivia – £23 ....(2.7.52)
Cheat it again, Archie – £11 ....(2.7.55)
Enthar-7 – £26 ....(2.1.44)
Fireball – £18 ....(2.6.25)
Fish (Mag.Scrolls Adv game) – £23 ....(2.6.51)
Freddie's Folly (m) – £14 ....(2.1.45)

Holed Out – £18 ....(2.9.38 + 2.10.)
Hoverbod (m) – £14 ....(1.10.47)
Ibix the Viking (m) – £18 ....(2.9.2)
Jet Fighter (m) – £14 ....(2.3.2)
Minotaur (m) – £14 ....(1.3.34)
Missile Control (m) – £14 ....(1.10.47)
Orion (m) – £14 ....(2.1.45)
Overload (c) – £14 ....
Pacmania – £18 ....(2.4.29)
Plague Planet (adventure) – £11 ....(2.10.48)
Repton 3 – £18 ....(2.3.2)
Quazer – £11 ....(1.10.47)
Star Trader – £16 ....(2.5.31)
Terramex – £18 ....
Thundermonk (m) – £14 ....(2.5.3)
WordUpWordDown – £16 ....(2.5.31)
Zarch – £18 ....(1.2.33)

Z88

Z88 Computer – £240
128k ram pack – £49
128k eprom pack – £49
Eprom eraser – £39
Archimedes link – £35
Carrying case – £9
Mains Adaptor – £10
Z88 SpellMaster ROM – £55

Careware Nº 2 not ready

Despite my comments in the magazine itself (page 2) we have not yet had quite enough good software to set up Careware Nº2 or Sharewares 12 and 13 that I thought would be ready by now.

Low Price RISC-OS in stock!!

At the time of writing, we still have stocks of the low price RISC-OS (£36 in UK) but when they are gone, the price will have to go up to £70.

Hard drive test progs needed

Help!!!!! Has anyone got any hard drive test programs that I can run so that we can give some objective(?) comparison between the different drives?

Archimedes Training Videos

A Norwich company is talking about doing training videos about the Archimedes. If anyone is interested, let us know what sort of level you are looking for – complete beginner, how to use specific software packages, how to use RISC-OS, or what?

Archimedes Tracker Balls

Marconi are now producing a tracker ball specifically for the Archimedes. I've managed to get a reasonable price on them to sell them at £55 inc VAT & carr.

Watford hard drives speed up!

The drives that Watford are now supplying are faster than the ones referred to in the magazine a while back and we have made arrangements to sell them through Archive. (20M are 40ms and 40M are 25ms).

Order Form— May 1989

Date of order:

Name

Address

Subscription Number (if known):

Please Supply:	
Archive Subscription renewal for 1 year (£14.50 / £20 / £25 / £28 / £30) (UK / Europe / Middle East / Africa, America / Rest of the world)	
One year's **Technical Help Service** (£8)	

Abbreviations used:
a = Acorn, cc = Computer Concepts,
cl = Clares, co = Colton Software, d = Dabs
Press, m = Minerva, s = Silicon Vision

I enclose a cheque for: £

payable to "Norwich Computer Services"

(Sorry no Access or Visa facilities.)

Norwich Computer Services, 18 Mile End Road, Norwich, NR4 7QY. (0603-507057)

(All prices are inc VAT and UK carriage)
Archive

Graphics Demo Disc – £3 ....(2.3.4)
Shareware Disc Nº 1 – £3 ....(2.3.4)
Shareware Disc Nº 2 – £3 ....(2.6.50)
Shareware Disc Nº 3 – £3 ....(2.3.4)
Shareware Disc Nº 4 – £3 ....(2.7.54)
Shareware Disc Nº 5 (Music) – £3 ....(2.7.4)
Shareware Disc Nº 6 (FWPlus) – £3 ....(2.7.4)
Shareware Disc Nº 7 (Index Progs) – £3....(2.7.2)
Shareware Disc Nº 8 (Invaders) – £3 .....(2.8.3)
Shareware Disc Nº 9 – £3 ....(2.8.3)
Shareware Disc Nº 10 – £3 ....(2.8.3)
Shareware Disc Nº 11 (Concerti) – £3 ....(2.8.3)
Program Disc, Vol. Iss. 1 – 6 on one disc – £9...
Program Discs Vol. 1 Iss. 7 onwards – £3 each .
WIMP Template Editor – £8 ....(2.5.29)
Archive Back issues – £1.80 each ....
Binder volume 1 – £5.50 ....(1.7.3)
Binder volume 2 – £5.50 ....
3.5" Discs, top quality branded – 10 for £16 ......
Archimedes dust cover – £11.50 ....

RISC-OS

RISC-OS package (Acorn) – £36...............(2.7.20)
(Overseas exVAT, inc Postage prices: Europe £36,
M.East £44, Africa/America £46, Rest of world £47)

Hardware

2-slot Backplane (Acorn) – £42 ....
4-slot Backplane (inc fan) (Atomwide) – £63 ....
4-slot Backplane (inc fan) (Comp'ware) – £53 .
1/2 meg RAM upgrade for A305 – £159 ....
3.5" disc up-grade – £122 ....
Econet module – £46 ....
Acorn internal 20 M hard drive + podule – £531
Comp'ware int 20 M drive + podule – £390 ......
Comp'ware int 40 M drive + podule – £590 ......
Comp'ware int 47 M drive + podule – £670 ......
Comp'ware Hard Disc Podule – £240 ~+ P.o.D ?
Computerware ext 20 M drive + psu – £335 .
Computerware ext 40 M drive + psu – £485 .....
Computerware ext 60 M drive + psu – £740 .....
Acorn I/O Podule – £84 ....(1.7.38)
Midi add-on to I/O (a) – £41 ....
ROM Podule (cc) – £53...........................(1.7.44)
with battery backup (cc) – £63 ....
32k RAM chips (cc) – £12.50.............................

Lingenuity Colour Conv'ter – £185 (2.2.2 + 2.2.3)
Watford V-Digitiser – £288 (inc demo disc)..(1.9.45)

Languages

ABC–2 BASIC Compiler (d) – £89 ....(2.5.16)
Risc RASIC Compiler (s) – £89 ....(2.8.6)
Assembly Language Book (d) £13.50 ....(1.11.39)
Assembly Language Disc (d) £8.50 ....
ANSI–C (Release 2) (a) – £99 ....
C Guide (d) – £13.50 ....(2.1.28)
C Guide Disc (d) – £8.50 ....
Iso-Pascal (Rel. 2) (a) – £99 ....(1.9.24 + 1.11.14)
Fortran 77 (Rel. 2) (a) – £99 ....(1.7.26)
Lisp (a) – £199...........................(1.12.14 + 2.3.37)
Logotron Logo – £64 ....(1.11.50)
Prolog (a) – £199 ....
Risc Forth (s) – £89 ....(2.2.23)
Twin editor (a) – £29 ....

Integrated Software

Home Accounts (m) – £46 ....(2.3.2)
PipeDream (co) – £99 ....(1.10.35)
PipeDream SpellCheck (co) – £45 ....(2.4.19)
PipeDream Demo Disc (co) – £5 ....
Logistix (a) – £99...........................(1.9.31 + 1.10.4)

Word-Processors etc (1.12.44)

First Word Plus (a) – £82 ....(1.10.18)
FWP Extended Dictionary – £6.50 ....(2.8.30)
First Fonts, Maths/Sci (24 pin) – £20 ....(2.1.32)
Graphic Writer (cl) – £27 ....(1.6.12)
Inter-Word ROM (cc) – £42 (disc – £30) ...(1.1.20)
SpellMaster ROM (cc) – £55 (disc – £41)(1.10.34)
Wordwise Plus (cc) – £30 ....(1.2.20)
WordwisePlus up-grade (cc) – £10.....................

Art / Drawing etc Packages

ArcImEd (Jansons) – £23 ....(1.12.42)
ArcPCB (s) – £170 ....(2.1.2)
Artisan (cl) – £37 ....(1.5.19)
Artisan Support Disc (cl) – £18 ....(1.8.46)
Art Nouveau – £42.50 ....(2.6.17)
AutoSketch – £79 ....(1.7.3)
Drawing Board (Jansons) – £54 ....(2.5.33)
Euclid – £42 ....(1.10.48)
Film Maker (s) – £69 ....(2.6.3)
GammaPlot (m) – £59 ....(1.12.19)
GraphBox (m) – £69 ....(2.8.4)
Inter-Chart ROM (cc) – £27 (disc – £20) (1.1.20)

Cops (Adventure) – £18	(3.7.48)
Enthar-7 – £26	(2.1.44)
E-Type – £18	(3.2.49)
E-Type Designer – £16	(3.3.2)
E-Type Extra 100 miles – £16	(3.3.2)
Family Favourites – £18	(3.4.2)
Fireball II – £23	(3.5.41)
Freddy's Folly – £14	(2.1.45)
Holed Out – £18	(2.9.38)
Holed Out Extra Coures 1 – £16	(2.10.5)
Holed Out Extra Coures 2 – £16	(2.10.5)
Holed Out Designer – £18	(3.9.60)
Hoverbod – £14	(1.10.47)
Ibix the Viking – £18	(3.1.45)
Interdictor – £30	(3.2.40)
Jet Fighter – £14	(2.3.2)
• Maddingly Hall – £14	(3.8.3)
• Man at Arms – £19	(3.9.2)
Minotaur – £14	(1.3.34)
Missile Control – £14	(1.10.47)
Olympics – £19	(3.9.58)
Orion – £14	(2.1.45)
Pacmania – £18	(2.4.29)
Plague Planet – £11	(2.10.48)
Return to Doom – £19	
Last Days of Doom – £19	(3.7.3)
Repton 3 – £18	(2.3.2)
Rotor – £23	(3.7.3)
Quazer – £11	(1.10.47)
Star Trader – £16	(2.5.31)
• Talisman – £14	(3.8.4)
Terramex – £18	
Thundermonk – £14	(2.5.3)
Trivial Pursuit – £27	(3.6.41)
U.I.M. – £28	(3.7.21)
WordUpWordDown – £16	(2.5.31)
Zarch – £18	(1.2.33)

Z88

Z88 Computer – £230	Archimedes link – £35
128k ram pack – £49	Carrying case – £10
128k eprom pack – £49	Mains Adaptor – £10
Eprom eraser – £39	

A400 series prices

We are able to make special deals on ram and hard drives if they are purchased at the same time as the A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra ram fitted at £70 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a 420/1 equivalent is £1260 + £70 + £200 = £1530 and a 440/1 costs £1260 + 3 * £70 + £390 = £1860.

If you want an Acorn monitor or a Cub 3000 at the same time, add £230, if you want an Acorn monitor or a Philips CM8833, add £260 and if you want an Eizo 9060SZ multi-sync monitor at the same time, add £510.

Cheaper Joysticks

Bulk buying of joysticks has enabled us to reduce the price from £28 to £25.

Not available after all...

Despite what Minerva said in their press release (see page 2 of the magazine), Easiword and Flexifile will not now be available until July. Hmmm...

Panasonic Sheet-Feeders & Ribbons

We now sell cut-sheet feeders for KX-P1124 printers at £125. Also, ribbons for Panasonic KX-P1124 printers have been proving difficult to get hold of but we've found a source of them at £11 each.

ARM3's available

The supply of ARM3 chips has continued to be intermittent. At the time of writing I have one Aleph One 30MHz ARM3 (£650) and one Watford 30MHz (£460) in stock but Aleph boards are easier to get hold of. One other difference between them is that the Aleph board is rather better made. This is partly because Watford's board is upside down for simplicity of construction but this means that the ARM chip is underneath the p.c.b. and quite close to the MEMC chip thus reducing the heat dissipation. Also, the underside of the p.c.b. points upwards increasing the possibility of it shorting out on the metalwork above. (They have tried to prevent this with a single layer of insulating tape!) The 84-way connector on the Watford board is not as well engineered as the one used by Aleph. However, Watford do provide an extractor tool for D.I.Y. fitting and the £190 difference can't be ignored.

100M SCSI – One only!

We have one Lingenuity 100M SCSI drive with podule for sale at £850. (Please ring if you want it.) This is a full spec auto-parking drive – normal Archive price £910, Lingenuity's full price £965. It was ordered for a customer who changed his mind!

A3000 SCSI drives

Due to over-stocking, we have a few 45M and 80M Oak A3000 SCSI drives with podule at special prices of £625 and £920 respectively. The normal Archive prices £655 and £970, and Oak prices £760 and £1100. (Please ring before ordering to check availability.)

Overseas Prices

Those outside U.K. should subtract the VAT (15%) that is charged on everything except books and magazines and then add extra for postage. On large items, please ring or fax for a quotation. Payment can be made by Eurocheque, sterling cheque drawn on a U.K. bank or direct credit to our Girobank account 2341107.

Archive Members' Price List – June 1990

(All prices include VAT and UK carriage)
(Numbers in brackets refer to issues of Archive magazine.)

Shareware Discs Nº 0 to 26 – £3 each	
Careware Discs Nº 1 to 7 – £6 each	
(See 3.3 p 52 for a summary of S/W's 0 to 17 and C/W 1 to 4.)	
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3	
Program Discs 1.7, 1.8, 1.9 etc – £3 each	(3.8.2)
WIMP Template Editor – £8	(2.5.29)
Archive Back issues – £2 each	
Binder volume 1, 2 or 3 – £5	(1.7.3)
3.5" Discs, top quality branded – 10 for £15	
Printer cable – £10	
Keyboard extension cable – £8	
Archimedes A300/400 dust cover – £10	
Archimedes A3000 dust cover – £11	

Hard Drives – SCSI

Lingenuity SCSI Drives	(2.11.2, 3.2.10, 3.4.15)
SCSI hard disc podule for A310 – £215	
20M internal drive + SCSI pod (A300/400) – £410	
45M internal drive + SCSI pod (A300/400) – £545	
70M internal drive + SCSI pod (A300/400) – £870	
100M internal drive + SCSI pod (A300/400) – £910	
200M internal drive + SCSI pod (A300/400) – £1355	
20M external SCSI drive – £390	
45M external SCSI drive – £525	
70M external SCSI drive – £850	
100M external SCSI drive – £890	
200M external SCSI drive – £1325	
• SCSI hard disc podule for A3000 – £165	
• 20M external drive + SCSI pod (A3000) – £505	
• 45M external drive + SCSI pod (A3000) – £640	
• 70M external drive + SCSI pod (A3000) – £965	
• 100M external drive + SCSI pod (A3000) – £1005	
• 560M Magneto-Optical drive – £4055	
• 972M Magneto-Optical drive – £5945	
Data cartridges for Magneto-Optical drive – £330	
Acorn SCSI podule – £320	(3.6.25)
Oak Computers' SCSI Drives	(2.11.2, 3.2.10, 3.4.15)
SCSI hard disc podule (A300/400) – £220	
20M internal drive + SCSI pod (A300/400) – £400	
45M internal drive + SCSI pod (A300/400) – £525	
80M internal drive + SCSI pod (A300/400) – £810	
100M internal drive + SCSI pod (A300/400) – £1150	
200M internal drive + SCSI pod (A300/400) – £1470	
20M external drive + SCSI pod (A300/400) – £560	
45M external drive + SCSI pod (A300/400) – £655	
80M external drive + SCSI pod (A300/400) – £970	
100M external drive + SCSI pod (A300/400) – £1270	
200M external drive + SCSI pod (A300/400) – £1640	
330M external drive + SCSI pod (A300/400) – £2870	
560M Magneto-Optical drive – £4840	
Data cartridges for Magneto-Optical drive – £310	

SCSI pod + ext drive for A3000 in various sizes	
SCSI hard disc podule for A3000 – £220	
(external drive prices as for A300/400)	
Oak SCSI Tape streamers	(3.4.3)
60M SCSI Tape streamer – £995	
60M Cartridges – £26 each	
150M SCSI Tape streamer – £1250	
150M Cartridges – £30 each	
1 Gb SCSI Tapestreamer – £4030	(3.7.2)
1 Gb Cartridges – £38 each	
Computerware SCSI Drives	(3.4.16)
Internal 100M drive (without podule) – £790	
Internal 200M drive (without podule) – £1230	
External 100M drive (without podule) – £890	
External 200M drive (without podule) – £1330	

Hard Drives – ST506

Computerware ST506 Hard Drives	(2.9.54)
Internal 20M drive + podule – £390	
Internal 40M drive + podule – £570	
Internal 47M drive + podule – £660	
Hard Disc Podule (inc metalwork/cables) – £220	
External 20M drive + psu – £335	
External 40M drive + psu – £485	
External 60M drive + psu – £740	
Internal 20M (22ms) drive for A410 – £230	
Internal 40M (24ms) drive for A410 – £380	
Internal 47M (22ms) drive for A410 – £490	
Hard disc mounting kit for A410 – £19	(3.8.3)
Oak ST506 Hard Drives	(3.7.2)
Internal 20M (28ms) drive for A410 – £210	
Internal 40M (28ms) drive for A410 – £330	
Internal 47M (28ms) drive for A410 – £410	

Hardware – General

A410/1 – £1260 (inc £100 free s/ware)	(page iv)
Ram A410/1 – £70 per Mb (+ £10 if fitting req'd)	
Single Ram chips (in case you damage one!) – £12	
A3000 computer – £680 (inc £50 free s/ware)	
Learning Curve – £800	
Monitor stand – £33	
User Port & Midi – £52	
Midi upgrade software – £10	(3.6.2)
User Port & Analogue Port (Morley) – £72	(3.6.2)
Econet Upgrade – £52	
Serial upgrade – £20	
Ext 3.5" drive for A3000 – £135	(3.6.2)
1 Mb A3000 upgrade (Morley) – £110	(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £330	(3.3.3/3.6.2)
Monitors	
Acorn (Philips) colour monitor – £250	
• Philips CM8833 14" colour monitor – £280	(2.9.2)
• Microvitec Cub 3000, 14" colour – £250	(2.9.2)
Eizo 9060SZ 14" multi-sync colour – £530	(3.7.2)
• Oak 20" multi-sync colour – £1550	(2.9.2)
• Eizo 21" hi-res paper white – £1050	(2.9.2)

Backplanes (all include fan)
Acorn 4-layer 2-slot · £42 ....
Computerware 4-slot – £56 ....
I.F.E.L. 4-layer 4-slot – £66 ....

Upgrades
• VIDC Enhancer – £35 ....(3.8.4)
Replacement Mouse – £55 ....(3.5.3)
Replacement 3.5" drive for 310 – £100 ....(3.5.3)
Replacement 3.5" drive for 400/1 – £70 ....(3.5.3)
2nd internal 3.5" drive for A310 – £122 ....
2nd internal 3.5" drive for A410 – £122 ....
5.25" Interface (Watford) · £29 ....
• 2M / 310 (Comp'ware) – £375 (inc fitting).....(3.8.6)
• 4M / 310 (Comp'ware) – £585 (inc fitting).....(3.8.6)
2M upgrade / 310 (Watford) – £330 .....(3.4.10, 3.5.17)
4M upgrade / 310 (Watford) · £575 .....(3.4.10, 3.5.17)
• Upgrade to 8M for 440 (Atomwide) · £890....(3.7.2)
MEMC1a upgrade for 310/440 – £74 ....(3.2.3)
• ARM3 – 30MHz (Watford) – £460 ....(page 4)
ARM3 · 30MHz (Aleph One) – £650 ....(3.1.33)
Panasonic KXP1081 9-pin printer · £175 ....
Panasonic KXP1124 24-pin printer – £275 ....
32k buffer chip for KXP1124 · £19 ....
• Cut-sheet feeder for KXP1124 – £125 ....
• Ribbons for KXP1124 – £11 each..........................
Panasonic KXP4450 laser printer – £1530..................
Centronics Printer cable · £10..........................
ROM Podule · £53 ....(1.7.44)
   with battery backup – £63 ....
   32k RAM chips · £17..........................
Atomwide prototyping boards ....(2.12.2)
   Bare board with V1.1 ROM – £27..........................
   Fully built with ROM – £38 ....
   Fully built with RAM – £40 ....
Econet module · £46 ....
Floating Point Co Processor – £635 ....(3.6.3)
I/O Podule · £84 ....(1.7.38)
New software for I/O Podule – £12 ....(3.6.2)
Joystick (Voltmace) · £25..........................
Midi podule – £74 ....(3.2.26)
Midi podule upgrade software – £15 ....(3.6.2)
Marconi Trackerball · £55 ....
Watford Hand Scanner – £176..........................(3.6.49)
ScanLight · £495 ....(2.12.49)
ScanLight Junior · £205 ....
Colour Digitiser (Wild Vision) – £360 ....(3.7.13)

Languages
ABC–2 BASIC Compiler – £89 ....(2.5.16)
ABC Dynamic Extensions – £45 ....(3.1.2)
Acorn Assembler – £195 ....(3.4.51)
Adventure Lang Prog System (ALPS) · £29 ....(3.3.50)
ANSI· C (Release 3) · £145 ....
Cambridge Pascal – £70..........................(3.4.27)
C Front End – £18 ....(3.4.49)
C Dabhand Guide · £14 ....(2.1.28)

C Guide Disc – £8..........................
Iso-Pascal (Rel. 2) – £99 ....(1.9.24 + 1.11.14)
Fortran 77 (Rel. 2) – £99 ....(1.7.26)
Lisp – £199 ....(1.12.14 + 2.3.37)
Logotron Logo – £64 ....(1.11.50)
Prolog System X – £179 ....(2.10.34)
Risc BASIC Compiler – £89 ....(2.9.32)
Risc Forth – £89 ....(2.2.23)
Twin Editor – £29 ....
Wingpass Macro Assembler V2 · £47 ....(2.8.41)

Word-Processors, DTP, etc
DTP from Acorn – £145 ....(2.12.41)
First Word Plus Release 2 – £82 ....(3.4.40)
First Word Plus Extended Dictionary – £7 ....(2.8.30)
First Fonts, Maths/Scientific – £20 ....(2.1.32)
Graphic Writer · £27 ....(1.6.12)
Impression DTP – £155 ....(3.2.59)
Inter-Word ROM – £42 ....(1.1.20)
Inter-Word disc – £30 ....(1.1.20)
Keyword · £18 ....(3.3.32)
Maps of the World – £28 ....(3.7.3)
SpellMaster ROM – £55 ....(1.10.34)
SpellMaster disc – £41 ....(1.10.34)
Wordwise Plus A (80 column) – £30..................(3.5.5)
Wordwise Plus A (upgrade from BBC) – £10 ..(1.2.20)

Art / Drawing etc Packages
ArcImEd – £23 ....(1.12.42)
ArcPCB – £170 ....(2.1.2)
ArcPCB Professional – £320 ....(3.1.4)
Artisan 2 – £55 ....(3.5.53)
Artisan 2 upgrade (return Artisan disc) · £28 ..(3.5.53)
Atelier · £85 ....(2.12.46)
AutoSketch · £79 ....(1.7.3)
Drawing Board · £54 ....(2.5.33)
Euclid · £60 ....(3.1.50)
Mogul (for Euclid) · £20 ....(3.1.50)
Splice – £25 ....(3.8.4)
Tween · £25 ....(3.8.4)
Film Maker · £69 ....(2.6.3)
GammaPlot – £59 ....(1.12.19)
GraphBox – £69 ....(2.8.4)
Inter-Chart ROM – £27 ....(1.1.20)
Inter-Chart disc · £20 ....(1.1.20)
Presenter II · £42 ....(1.11.46 + 3.3.23)
Presentation System · £46 ....(2.7.20)
Pro-Artisan – £85 ....(2.3.19)
Realtime Solids Modeller – £130 ....(2.10.46)
Render Bender – £69 ....(2.9.23)
Solid CAD – £85 ....(2.5.3)
Super-Dump – £23 ....

Sound (Hardware & Software)
Armadeus – £70 ....(2.9.17)
Armadeus sampler podule – £140..................(2.9.17)
Acorn Midi podule · £74 ....(3.2.26)

SoundSampler A448 – £150 ....(2.9.3)
SoundSampler A448b · £180 ....(2.9.3)
SoundSampler A448m · £210 ....(2.9.3)
SoundSampler A616 – £1290 ....(2.9.3)
Spectra SFFT software – £66 ....(2.9.3)

Video (Hardware & Software)
Chroma 220 genlock A3000 – £165 ....(3.5.3)
Chroma 235 (220+ encoder/keyer) – £210 ....(3.5.3)
Chroma 250 (235 + improved chroma) · £375 ..(3.5.3)
Chroma 320 genlock A300/A400 · £165 ....(3.5.3)
Chroma 335 (320+ encoder/keyer) – £315 ....(3.5.3)
Chroma 345 (335 + improved chroma) – £420 ..(3.5.3)
Chromatext software – £42 ....(3.5.3)
XAT video utilities – £84..........................(3.5.3)

Communications
Hearsay – £59..........................(1.12.22)
WS3000 V22bis modem · £310 ....(2.8.5)
Amstrad SM2400 modem · £210 ....(2.8.5)
Modem connecting lead · £12..........................

Utilities
Archway (WIMP tools) – £85..........................(2.10.31)
Colour dump – Integrex – £25 ....
Colour dump · Canon · £25..........................
Colour dump – LC10 – £25 ....(3.3.28 + 3.9.59)
DataStore Utilities Disc · £15 ....(3.2.32)
DiscTree – £44 ....(2.8.24)
FontFX – £10 ....(3.9.37)
Grey dumps (9-pin tone dump) – £13 ....(2.6.47)
Instigator · £45 ....(2.10.5)
Key-Define · £13 ....(2.1.37)
Outline Font Starter Pack · £47 ....(3.5.3)
Outline Fonts "New Hall" · £47 ....(3.5.3)
PC Emulator · £95 ....(1.5.24)
Pro-Copier – £10 ....(3.2.2)
RISC-OS upgrade – £36 ....(2.7.20)
RISC-OS Companion · £50..........................(2.12.51)
Software Developer's Toolbox · £175 ....(2.3.2)
Timewatch – £28 ....(3.2.28)
Toolkit Plus · £42 ....(2.2.32)
Worra Plotter – £27 ....(3.3.3)

Integrated Software
Home Accounts – £46 ....(2.10.29)
Logistix · £99 ....(1.9.31 + 1.10.4)
PipeDream 3 · £145..........................(2.12.23)
PipeDream 3 upgrade (from 2 only) · £68 ....
PipeDream 3 upgrade (from 2 + SpellCheck) · £37 ....
PipeDream Extended Dictionary · £7 ....(3.2.28)
The Account Book (Apricote) – £26 ....(3.7.10)
The Invoice Program (Apricote) – £26 ....(3.7.10)
Personal Accounts (Apricote) · £14 ....(3.7.10)

Spreadsheets & Databases
Alphabase – £42..........................(2.5.37)
Ancestry – £69 ....(2.8.43)

Arcscan II Database · £17..........................
Knowledge Organiser – £55 ....(3.9.54)
System Delta-Plus II – £69 ....(2.5.3)
System Delta-Plus Reference Manual – £27 ....
Reporter – £37..........................(2.6.27)
Mailshot · £37 ....(2.6.27)
Multistore – £250 ....(3.4.33 / 3.6.46)
Inter-Sheet ROM – £42 ....(1.1.20)
Inter-Sheet disc – £30 ....(1.1.20)
Matrix 3 – £89 ....(1.11.2)
SigmaSheet – £59 ....(1.11.52 + 1.9.28)

Educational Programs
BookBinder (Musbury) – £50 ....(3.4.2)
Bumper Pack 1 (Reading)– £18 ....(1.2.34)
Bumper Pack 2 (Arith, English + Crosswords) – £18 ...
Craftshop 1 · £33 ....(3.9.35)
Craftshop 2 · £33 ....(3.9.5)
Desk Top Stories · £31 ....(2.12.48)
DigiSim · £40 ....(2.8.48)
Droom – £20 ....(1.7.42)
Fun School 2 (under 6's) – £19 ....(3.3.2)
Fun School 2 (6 – 8's) – £19 ....(3.3.2)
Fun School 2 (over 8's) · £19 ....(3.3.2)
Genesis · £85 ....(3.4.25)
Gate Array Teaching System · £79 ....(2.6.3)
Jigsaw – £33 ....(3.5.27)
Numerator – £70 ....(2.12.46)

Documentation
A3000 Technical Manual – £28 ....(3.8.2)
Assembly Language Book – £14 ....(1.11.39)
Assembly Language Disc – £8 ....
Archimedes First Steps – £9 ....(3.6.17)
BASIC V manual (Acorn) – £19 ....(2.8.2)
BASIC V Dabhand Guide – £9 ....(2.9.2)
Guide to Acorn DTP (inc. disc) · £17 ....(3.4.55)
Operating System Book · £14 ....(2.6.45)
Operating System Disc – £8 ....(2.6.45)
RISC·OS Prog Ref Manual – £75 ....(3.1.53)
Z88 Dabhand Guide · £14 ....(3.9.57)

Games
Adventure Lang Prog System (ALPS) – £29 ....(3.3.50)
Alerion – £14 ....(2.1.45)
All-in Boxing – £14 ....(3.1.4)
Anonymouse Desktop Games 1 · £9 ....(3.3.9)
Anonymouse Desktop Games 2 · £9 ....(3.3.9)
Apocalypse – £28 ....(3.8.2)
Arcade 3 Compilation · £14 ....(3.1.44)
Arcade Soccer · £18 ....(3.3.9)
Arcendium · £14 ....(2.5.2)
Arc Trivia – £23 ....(2.7.52)
Bug Hunter/MoonDash – £17 ....(3.8.2)
Caverns · £17 ....(3.5.2)
Cheat it again, Archie – £11 ....(2.7.55)
Confusion – £5 (while stocks last)..........................(3.5.41)

Spreadsheets & Databases

Alphabase – £42 ....(2.5.37)
Ancestry – £69 ....(2.8.43)
Arcscan III Database – £17 ....
DataVision – £130 ....(4.1.3)
Financial Accountant – £245 ....(4.1.3)
Flexifile – £130 ....(4.5.54)
Inter-Sheet disc – £30 ....(1.1.20)
Inter-Sheet ROM – £42 ....(1.1.20)
Knowledge Organiser – £55 ....(3.9.54)
Mailshot – £37 ....(2.6.27)
Matrix 3 – £89 ....(1.11.2)
Multistore – £250 ....(3.4.33 / 3.6.46)
Reporter – £37 ....(2.6.27)
Schema – £110 ....(4.1.5)
SigmaSheet – £46 ....(1.11.52 + 1.9.28)
System Delta-Plus II – £69 ....(2.5.3)
System Delta-Plus Reference Manual – £27 ....

Educational Programs

Amazing Ollie (age: 4+) – £15 ....(4.2.2)
Astro (Astronomy programs) – £18 ....(4.2.2)
BookBinder (Musbury) – £50 ....(3.4.2)
Coffee (age: 9 – 15) – £29 ....(4.2.2)
Craftshop 1 – £33 ....(3.9.35)
Craftshop 2 – £33 ....(3.9.5)
• Desktop Folio – £95 ....(4.5.2)
Desk Top Stories – £38..(2.12.48)
DigiSim – £40 ....(2.8.48)
Droom – £25 ....(1.7.42)
Dust – £32..(4.1.3)
Freddy Teddy – £18 ....(4.4.2)
Fun School 2 (age: under 6's) – £19 ....(4.2.59)
Fun School 2 (age: 6 – 8's) – £19 ....(4.2.59)
Fun School 2 (age: 8+) – £19 ....(4.2.59)
Gate Array Design/Teaching – £130 ....(4.1.3)
Genesis – £85 ....(3.4.25)
Genesis II – £130 ....(4.3.3)
Geoscan Database – £38 ....(4.2.51)
• Giant Killer Maths Adventure – £18...................(4.5.3)
• Giant Killer Support Disc – £16 ....(4.5.3)
HoneyPot – £47 ....(4.2.2)
Jiglet – £30 ....(4.4.30 + 4.5.17)
Jigsaw – £33 ....(3.5.27)
• Landmarks (Egypt) – £20 ....(4.5.3)
• Landmarks (2nd World War) – £20 ....(4.5.3)
Logotron Logo – £64 ....(1.11.50)
• Magpie multi-media – £57 ....(4.5.3)
Maps of the World – £28 ....(4.1.54)
• Mental Maths – £18 ....(4.5.4)
Numerator – £78 ....(2.12.46)
Ollie Octopus Sketchpad (age: 4+) – £15...........(4.2.3)
Order & Chaos (for Numerator) – £17 ....(4.1.26)
PenDown (full release) – £57 ....(3.12.48 & 4.1.42)
P.I.P.P. – £37 ....(3.12.51)
RiscType V2 – £18 ....(4.3.3)

RoboLOGO – £90 ....(4.4.54)
Tiny Logo + Tiny Draw – £28 ....(4.3.59)

Documentation

A3000 Technical Manual – £28 ....(3.8.2)
(A540 Technical Manual – £65 ....)
Assembly Language Book – £14 ....(1.11.39)
Assembly Language Disc – £8 ....
Archimedes First Steps – £9 ....(3.6.17)
BASIC V manual (Acorn) – £19 ....(2.8.2)
BASIC V Dabhand Guide – £9 ....(2.9.2)
• DTP Seeds – £8..(4.5.3)
Guide to Acorn DTP (inc. disc) – £17 ....(3.4.55)
Operating System Book – £14 ....(2.6.45)
Operating System Disc – £8 ....(2.6.45)
RISC-OS Prog Ref Manual – £75 (See page 6) (3.1.53)
Z88 Dabhand Guide – £14 ....(3.9.57)

Games

Adventure Lang Prog System (ALPS) – £32 ....(3.3.50)
Alerion – £14 ....(2.1.45)
Alien Invasion – £14..(3.12.20)
All-in Boxing – £14 ....(3.1.4)
Apocalypse – £28 ....(3.10.42)
Arcade 3 Compilation – £14 ....(3.1.44)
Arcade Soccer – £18..(3.10.35)
Arcendium – £14 ....(2.5.2)
Arc Trivia – £23 ....(2.7.52)
• ArcPinball – £23 ....(4.5.2)
Ballarena – £18 ....(4.4.20)
• Blowpipe – £19 ....(4.5.2)
Bug Hunter/MoonDash – £17 ....(3.10.26)
Bug Hunter in Space – £17 ....(4.4.52)
Caverns – £17 ....(3.5.2)
Cheat it again, Archie – £11 ....(2.7.55)
Chocks Away 2 – £23...(4.4.40)
Cops (Adventure) – £18 ....(3.7.48)
Crisis – £27 ....(4.3.2)
Drop Ship – £18 ....(4.4.52)
Enthar-7 – £26 ....(2.1.44)
E-Type – £18 ....(3.2.49)
E-Type Designer – £16 ....(3.3.2)
E-Type Extra 100 miles – £16 ....(3.3.2)
Family Favourites – £18 ....(3.8.59)
Fireball II – £23 ....(3.5.41)
Fireball II + Fish + Pon (MiniPack5) – £27 ....(3.5.41)
Freddy's Folly – £14 ....(2.1.45)
Herewith the Clues! – £23 ....(3.11.57)
Holed Out – £18 ....(2.9.38)
Holed Out Extra Coures 1 – £16........................(2.10.5)
Holed Out Extra Coures 2 – £16........................(2.10.5)
Holed Out Designer – £18 ....(3.9.60)
Hostages – £19 ....(4.4.16)
Hoverbod – £14 ....(1.10.47)
Ibix the Viking – £18 ....(3.1.45)
Inertia – £18 ....(3.12.43)
Interdictor 2 – £32 ....(4.2.17)

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(All prices include VAT and UK carriage)
(Numbers in brackets refer to issues of Archive magazine.)
(• means either 'new product' or 'new price')

Shareware Discs Nº 0 to 26 & 30 to 38 – £3 each
Any 10 Shareware discs – £27
Careware Discs Nº 1 to 12 – £6 each
Prog. Disc Vol. 1 Issues 1 – 6 inc. on one disc – £3 ....
Program Discs 1.7, 1.8, 1.9 etc – £3 each............(3.8.2)
Volume 1 to 3 program discs (31) – £65
Volume 3 program discs (12) – £28
Volume 4 program discs advance booking (12) – £33
Archive back issues – £2 each..............................
Binder volume 1, 2, 3 or 4 – £5 each ....(1.7.3)
Binders 1 to 4 – £16 for four
3.5" Discs, top quality – 10 for £13, 50 for £60 ....
Printer cable – £10 ....
Keyboard extension cable – £8 ....
Archimedes A300/400 dust cover – £10 ....
Archimedes A3000 dust cover – £9
Annual Service Kit (2 batteries + fan filter) – £3 ....

Oak SCSI Hard Drives

All Oak drives and tape streamers INCLUDE a podule.
Subtract £100 if you want a drive without a podule.

A300/400 SCSI hard disc podule – £220
New software for SCSI podules – £11

WorraWinnie SCSI Drives for 300/400 ....

  20M internal drive + podule – £340
  45M internal drive + podule – £440
  80M internal drive + podule – £640
  100M internal drive + podule – £840
  200M internal drive + podule – £1240
  20M external drive + podule – £390
  45M external drive + podule – £490
  80M external drive + podule – £690
  100M external drive + podule – £890
  200M external drive + podule – £1290

High Speed SCSI Drives for 300/400 ....

  40M internal drive + podule – £520
  80M internal drive + podule – £720
  100M internal drive + podule – £1020
  200M internal drive + podule – £1520
  40M external drive + podule – £720
  80M external drive + podule – £920
  100M external drive + podule – £1220
  200M external drive + podule – £1720

Oak ELITE SCSI Drives for 300/400 ....(4.3.15)

  40M external drive + podule – £860
  80M external drive + podule – £1220
  100M external drive + podule – £1420
  200M external drive + podule – £1780
  300M external drive + podule – £2420
  640M external drive + podule – £3020

A3000 WorraWinnie external drives
  20M external drive + podule – £390 ....(4.3.15)
  45M external drive + podule – £490 ....(4.4.2)
  80M external drive + podule – £690 ....(4.4.2)
  100M external drive + podule – £890
  200M external drive + podule – £1290

A3000 SCSI hard disc podule – £220

Oak SCSI Tape streamers ....(3.4.3)
  60M SCSI Tape streamer – £1120
  150M SCSI Tape streamer – £1390
  1 Gb SCSI Tapestreamer – £3090 ....(3.7.2)
 • 60M Cartridges (3M) – £23 each
 • 150M Cartridges (3M) – £26 each
  1 Gb Cartridges – £45 each

MicroNet Removable SCSI Hard Drives

(Prices include cables and one 42M cartridge)

• External 42M (20ms) (w/o podule) – £595 ....(4.1.47)
• External 42M +Oak A300/400 podule – £795
• External 42M +Oak A3000 pod – £795
• External 42M +Lingenuity A300/400 podule – £775
• External 42M +Lingenuity A3000 podule – £775
Extra 42M cartridges – £80

Oak ST506 Hard Drives

Internal 20M (28ms) drive for A400 series – £210
Internal 40M (28ms) drive for A400 series – £330
Internal 47M (28ms) drive for A400 series – £410

Xpress Bulk Disc Copier

60-disc copier, software & leads – £2645 (4.2.2, 4.4.2)

A400 / 500 Computers & Upgrades

A410 – £1260 (inc £100 Archive voucher)....................
A420 Learning Curve – £1490 (+ £100 voucher) ....
A440 equivalent – £1830 (+ £100 voucher) ....
A440 Learning Curve – £1900 (+ £100 voucher) ....
A540 – £3444 (+ £200 voucher) ....
4M Ram card for A540 – £530
Ram for A410 – £60 per Mb (+ £10 if fitting req'd) ....
Single RAM chips (in case you damage one!) – £8 ....
ARM3 – 24MHz (Aleph One) – £460 ....(4.1.13)
ARM3 – 30MHz (CJE Micros) – £440 ....(4.1.3)
ARM3 – 25MHz (CJE Micros) – £390 ....(4.1.3)
4 to 8M Upgrade (Atomwide) – £890 ....(3.11.25)
• Fan Speed Controller – £20 ....(4.5.2)
Econet module – £52 ....
Replacement keyboard for 400/1 – £120 ....
Replacement 3.5" drive for 400/1 – £70 ....(3.5.3)

A3000 Computers & Upgrades

A3000 computer – £680 (inc £50 free s/ware) ....
A3000 Learning Curve – £800 ....
A3000 Jet Set Pack – £710 ....(4.1.4)
1 Mb A3000 upgrade (Morley) – £80 ....(3.3.3/3.6.2)
3 Mb A3000 upgrade (Morley) – £240 ....(3.3.3/3.6.2)

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1 Mb A3000 upgrade (Atomwide) – £80 ....(3.10.2)
3 Mb A3000 upgrade (Atomwide) – £275 ....(3.10.2)
A3000 Econet Module – £52
A3000 Serial upgrade – £20
A3000 User Port & Midi – £52
Midi upgrade software – £10 ....(3.6.2)
A3000 User & Analogue Ports (Morley) – £72 (3.6.2)
A3000 Ext 3.5" drive for A3000 – £135 ....(3.6.2)
SCSI podule for A3000 (Lingenuity) – £165

Monitors & Accessories
Acorn (Philips) monitor – £250
Philips CM8833 14" monitor – £280 ....(2.9.2)
Eizo 9060SZ 14" multi-sync – £520 ....(3.7.2)
Taxan 795 14" Trinitron m-sync – £590 ....(4.1.6 & 21)
Eizo 9070SZ 16" multi-sync – £880 ....(3.10.2)
Taxan 970 20" multi-sync – £1690 ....(4.1.6)
VIDC Enhancer – £35 ....(3.10.21)
A3000 Monitor stand – £33
Long monitor lead with sound – £15 ....(3.12.2)
TV adaptor – £35 ....(4.4.3)

A310 / A440 Upgrades
Replacement Mouse – £55 ....(3.5.3)
Replacement 3.5" drive for 310 – £100 ....(3.5.3)
Second internal 3.5" drive – £122
Replacement keyboard for 310/1 – £120
MEMC1a upgrade for 310/440 – £74 ....(3.2.3)
ARM3 – 24MHz (Aleph One) – £460 ....(4.1.13)
ARM3 – 30MHz (CJE Micros) – £440 ....(4.1.3)
ARM3 – 30MHz (CJE Micros) – £390 ....(4.1.3)
Econet module – £52
Acorn 2-slot backplane (inc fan) – £42
I.F.E.L. 4-layer 4-slot backplane (inc fan) – £66

Podules & External add-ons
5.25" drive interface (CJ Micros) – £35
5.25" drive interface (Digital Svcs) – £38 ....(4.1.2)
ROM Podule – £53 ....(1.7.44)
  with battery backup – £63
  32k RAM chips – £15
Atomwide prototyping boards ....(4.4.46)
  Bare board with V1.3 ROM – £32
  Fully built with ROM – £43
  Fully built with RAM – £49
  APEC utilities disc – £4
Colour Digitiser Hawk V9 – £360 ....(3.7.13)
Ethernet Card – £270 ....(4.1.2)
Floating Point Co-Processor – £570 ....(4.2.43)
I/O Podule – £88 ....(1.7.38)
New software for I/O Podule – £12 ....(3.6.2)
Joystick (Voltmace) – £25
Joystick/Mouse switch – £18 ....(4.1.4)
Midi podule – £74 ....(3.2.26)
Midi podule upgrade software – £15 ....(3.6.2)
Marconi Trackerball – £55
ScanLight Plus (A4) – £425 ....(2.12.49)
Sheet feeder for Scanlight Plus – £105

ScanLight Plus Junior – £205
ScanLight Plus Junior A3000 – £205
SCSI podule for A300/A400 (Acorn) – £270
SCSI podule for A300/A400 (Lingenuity) – £185

Printers & Accessories
Panasonic KXP1081 9-pin printer – £155
Panasonic KXP1124 24-pin printer – £275
32k buffer chip for KXP1124 – £15
Cut-sheet feeder for KXP1124 – £125 ....(3.10.3)
Ribbons for KXP1124 – £11 each ....(3.10.3)
Centronics Printer cable – £10
Laser Direct 300 dpi – £1080 (3.9.3 & 3.10.3 & 3.12.6)
Laser Direct 600 dpi (LBP8) – £1560 ....(4.1.2)
Canon LBP4 – £950 ....(4.1.2)
LD interface for LBP4 – £370 ....(4.1.2)
ArcLaser – £1040 ....(3.11.3 & 3.12.6)
Qume toner set – £75 ....(4.1.4)
Qume drum set – £95 ....(4.1.4)
Toner cartridge for LBP4/8 – £80

Languages
ABC–2 BASIC Compiler – £89 ....(2.5.16)
ABC Dynamic Extensions – £45 ....(3.1.2)
Acorn Assembler – £195 ....(3.4.51)
Adventure Lang Prog System (ALPS) – £32 ....(3.3.50)
ANSI–C (Release 3) – £145
Cambridge Pascal – £70 ....(3.4.27)
C Front End – £18 ....(3.4.49)
C Dabhand Guide – £14 ....(2.1.28)
C Guide Disc – £8
Fortran 77 (Rel. 2) – £99 ....(1.7.26)
Iso-Pascal (Rel. 2) – £99 ....(1.9.24 + 1.11.14)
Logotron Logo – £64 ....(1.11.50)
Risc BASIC Compiler – £130 ....(2.9.32)
Risc Forth – £130 ....(2.2.23)
RoboLOGO – £90 ....(4.1.5)
Twin Editor – £29
Wingpass Macro Assembler V2 – £47 ....(2.8.41)

Word-Processors & DTP
DTP from Acorn – £145 ....(2.12.41)
Easiword – £36 ....(3.9.2)
• Equasor – £52 ....(4.5.3)
• Expression PS – £21 ....(4.5.3)
First Word Plus 2 – £82 ....(3.4.40)
First Word Plus Extended Dictionary – £7 ....(2.8.30)
First Fonts, Maths/Scientific – £20 ....(2.1.32)
Graphic Writer – £27 ....(1.6.12)
Impression 2 DTP – £175 ....(4.5.49)
• Impression Dongle Dangle – £5 ....(4.5.3)
Impression Junior – £89 ....(3.2.59)
Inter-Word ROM – £42 ....(1.1.20)
Inter-Word disc – £30 ....(1.1.20)
Keyword – £18 ....(3.3.32)
Ovation DTP – £105 ....(3.12.23)
Protext 5.0 – £135 ....(4.2.3)
• ShowPage – £150 ....(4.5.4)

SpellMaster ROM – £55 ....(1.10.34)
SpellMaster disc – £41 ....(1.10.34)
Tempest DTP – £120 ....(3.10.50)
Wordwise Plus A (80 column) – £30 ....(3.5.5)
Wordwise Plus A (upgrade from BBC) – £10 (1.2.20)

Graphics & Clipart
History (Costume) Graphics Pack – £18 ....(4.2.3)
Maps of the World – £28 ....(3.7.3)
Pre-Historic Animals – £18 ....(4.2.3)
Tools – £18 ....(4.4.3)
World Wildlife Pack – £18 ....(4.2.3)

Art / Drawing etc Packages
ArcImEd – £23 ....(1.12.42)
ArcLight – £46 ....(4.4.19)
ArcPCB – £160 ....(2.1.2)
ArcPCB Professional – £320 ....(3.1.4)
Artisan 2 – £55 ....(3.5.53)
Artisan 2 upgrade (return Artisan disc) – £28 (3.5.53)
Art Nouveau – £42.50 ....(2.6.17)
Atelier – £85 ....(2.12.46)
AutoSketch – £79 ....(1.7.3)
Drawing Board – £54 ....(2.5.33)
Euclid – £60 ....(3.1.50)
Film Maker – £90 ....(2.6.3)
GammaPlot – £46 ....(1.12.19)
GraphBox – £69 ....(2.8.4)
Inter-Chart ROM – £27 ....(1.1.20)
Inter-Chart disc – £20 ....(1.1.20)
Mogul (for Euclid) – £20 ....(3.1.50)
Poster (with fonts) –£93 ....(3.11.13)
Presenter II – £42 ....(1.11.46 + 3.3.23)
Presenter II with Hotlinks – £49 ....(3.10.3)
Presentation System – £46 ....(2.7.20)
Pro-Artisan – £85 ....(2.3.19)
Realtime Solids Modeller – £160 ....(2.10.46)
Render Bender – £69 ....(2.9.23)
• Revelation image processor – £80 ....(4.5.4)
Snippet – £30 ....(3.11.4)
Solid CAD – £130 ....(2.5.3)
Solids Render – £130 ....(4.1.5)
Solid Tools – £320 ....(4.1.5)
Splice – £25 ....(3.12.38)
Super-Dump – £28 ....(4.1.5)
Super-Plot – £37 ....(4.1.5)
Tween – £25 ....(3.12.38)
Worra-CAD – £80 (initial offer price) ....(3.11.4)

Sound (Hardware & Software)
Acorn Midi podule – £74 ....(3.2.26)
Armadeus – £70 ....(2.9.17)
Armadeus sampler podule – £140 ....(2.9.17)
Rhapsody – £46 ....(4.2.19 + 4.3.29)
Supersound Creations – £17 ....(4.3.4)
• Tracker – £46 ....(4.5.44)

Communications
Acorn – £28 ....(4.3.40)
Arc-Comm – £31 ....(4.3.40)
• ArcTerm 7 – £75 ....(4.5.2)
Hearsay – £59 ....(1.12.22)
WS3000 V22bis modem – £310 ....(2.8.5)
Modem connecting lead – £12

Utilities
ArcDFS – £28 ....(3.11.55 & 3.12.30 & 4.1.48)
• Archway2 – £90 ....(4.5.2)
• ArcMonitor – £28 ....(4.4.2)
CIS Utilities (inc Pro-Copier) – £16 ....(4.3.2)
Colour dump – Canon – £25
Colour dump – Integrex – £25
Colour dump – LC10 – £25 ....(3.3.28 + 3.9.59)
DataStore Utilities Disc – £15 ....(3.2.32)
DiscTree – £44 ....(2.8.24)
FontFX – £10 ....(3.9.37)
Grey dumps (9-pin tone dump) – £13 ....(2.6.47)
Instigator – £45 ....(2.10.5)
• Investigator II – £26 ....(4.5.3)
Outline Font Starter Pack – £47 ....(3.5.3)
Outline Fonts 'Newhall' – £47 ....(3.5.3)
PC Emulator – £95 ....(1.5.24)
RISC-OS upgrade – £36 ....(2.7.20)
RISC-OS Companion – £50 ....(2.12.51)
Software Developer's Toolbox – £175 ....(2.3.2)
TCP/IP Protocol Suite – £195 ....(4.2.3)
TCP/IP Protocol Suite Site Licence – £995 ....(4.2.3)
TCP/IP Programmers Pack – £48 ....(4.2.3)
Timewatch – £28 ....(3.2.28)
Toolkit Plus – £42 ....(2.2.32)
WIMP Template Editor – £8 ....(2.5.29)
Worra Plotter – £27 ....(3.3.3)

Integrated Software
Desktop Office – £120 ....(4.1.40 + 4.2.55)
Home Accounts – £46 ....(2.10.29)
Minerva Business Accounts – £350 ....(4.1.3)
Minerva Nominal Ledger – £90 ....(4.1.3)
Minerva Ordering/Invoicing – £90 ....(4.1.3)
Minerva Purchase Ledger – £90 ....(4.1.3)
Minerva Sales Ledger – £90 ....(4.1.3)
Minerva Stock Management – £90 ....(4.1.3)
Office Tools – £320 ....(4.1.4)
Personal Accounts (Apricote) – £27 ....(4.2.53)
PipeDream 3 – £145 ....(2.12.23)
PipeDream 3 upgrade (from 2 only) – £68
PipeDream 3 upgrade (from 2 + SpellCheck) – £37 ....
PipeDream Extended Dictionary – £7 ....(3.2.28)
ShareHolder – £130 ....(4.1.5)
The Account Book (Apricote) – £32 ....(4.2.53)
The Invoice Program (Apricote) – £32 ....(4.2.53)

New Ranges of SCSI Drives

Oak Solutions have rationalised their ranges of SCSI drives into three basic types: WorraWinnie, High Speed and Elite.

WorraWinnie: These are roughly equivalent to the original SCSI drives which Oak produced although some of them may be slightly slower than before. They are, however, cheaper than before and the external drives are in slightly more compact cases. The internal 45M drives, for example, are available at an Archive price of £440 compared with the previous price of £525. They are guaranteed for 12 months.

High Speed: These are, as the name suggests, faster drives than the WorraWinnies and they are in a rather more substantial metal case. The 40M, for example, runs at about 800 Kbytes/sec with an access time of between 11 and 16 ms whereas the 45M WorraWinnie will be more like 600 Kbytes/sec and an access time of 24 or 28 ms. The internal 40M drive is £520 which is roughly the same as the original, slower, 45M drives. They are guaranteed for a full two years.

Elite: These are the same drives as the High Speed drives but are built in such a way that they will pass the stringent new r.f.i. regulations that will come into force in 1992. They are also guaranteed for a full two years.

Additional Drives: An increasing number of people are ordering SCSI drives without podules. (They are just £100 less than quoted on page 1 since those prices **include** the SCSI podule.) If your intention is to use it as a second drive with an existing drive, it is important to make this clear when you place your order. We will then be able to change the internal links on the drive before sending it to you. The link changes are necessary because no two devices should have the same ID number and drives are normally sent out as ID zero. It involves taking the drive out of its case, so it is obviously preferable if you allow us to do that for you.

Careware Nº12

We mentioned in the magazine that Careware Nº12 was going to contain the HU-Prolog as reviewed by Chris Williamson on page 40 but there are also a number of other useful items on it:

Linear filter circuit analyser, Design office utilities (e.g. stresses in beams), Mathathon, Maths Trivia, Graphical population census of Britain (1971), Desktop soundtracker player, Desktop file counter, REM lister, LBP4 driver for Laserjet & FWPlus files.

Charity Sales

The following items are available for sale in aid of charity. PLEASE do not just send money – ring us on 0603-766592 to check if the items are still available. Thank you.

Presenter II	£18
Trivial Pursuit	£9
Acorn ROM/RAM podule	£18
StarTrader	£5
Quazer	£3
Minerva's Sales, Nominal, Purchase Ledgers and Order Processing and Invoicing, full manuals	£35 the lot
Interdictor 1	£6
Holed Out	£8
Corruption	£3
CIS Utilities	£5
Brother HR15 + 6 daisy wheels (buyer collects from Fleet, Hants)	£60
Logistix 2 (brand new)	£40
Artisan Support Disc	£2
Front Fascia for single drive A310	£5

PRM's in short supply

Acorn have said that the RISC-OS Programmers' Reference manuals are in short supply and will be so for some while to come. If you want a copy, send a SEPARATE CHEQUE, please, so that we can hold it until the manuals come into stock.

Norwich Computer Services, 96a Vauxhall Street, Norwich NR2 2SD.
(Phone: 0603-766592, Fax -764011)

Z88

Z88 Computer – £230 ....
128k RAM pack – £49 ....
128k EPROM pack – £49 ....
EPROM eraser – £39 ....
Archimedes link – £35 ....
Carrying case – £10...
Mains Adaptor – £10

After the January Sales...

February Sales

In line with other retailing organisations, NCS is clearing some of the stocks at 'knock-down' prices! Stocks are limited so PLEASE either send separate cheques for each item or, better still, ring to find out if they are still available and we will put them on one side for you.

Hardware

- **A3000 45M SCSI drive** (full speed, not Worra Winnie) mounted in bridge (1 only) – £540 (was £695)

- **A300/400 45M external SCSI drive** (full speed, not Worra Winnie) (1 only) – £540 (was £655)

- **A300/400 80M external SCSI drive** (full speed, not Worra Winnie) (1 only) – £790 (was £890)

- **A300/400 100M external SCSI drive** (full speed, not Worra Winnie) (1 only) – £990 (was £1130)

- **A300/400 200M external SCSI drive** (full speed, not Worra Winnie) (1 only) – £1350 (was £1490)

- **A300/400 80M internal SCSI drive** (full speed, not Worra Winnie) (1 only) – £680 (was £720)

- **A310 4 M RAM upgrades** (Protokote) – They were £600 but we are prepared to sell them for £490 on a user-fitting basis.

Software

- Presenter II (without HotLinks) – £35
- U.I.M. – £16 (was £28)
- Olympics – £10 (was £19)

Bulletin Board Password

The password for the Archive bulletin board is 'impression' – phone 0603–745932.

A400 series prices

We are able to make special deals on RAM and hard drives if they are purchased at the same time as a A410. So, if you buy an A410 at £1260 (and get £100 free software with it) you can have extra RAM fitted at £50 per Mbyte (no fitting charge) and a hard disc for £200, £310 or £390 for 20M, 40M or 47M respectively.

So a 440/1 equivalent costs £1260 + 3 * £50 + £390 = £1800.

If you buy an Acorn 14" standard resolution monitor at the same time add £200, if you want an Eizo 9060SZ add £450 or for a Taxan 795 add £550.

(These special discounts on monitors also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

DrawBender makes Draw files follow a shape of your choice. A useful addition or cheap alternative to Poster, available with or without a set of **three** decorative fonts. The example above was made using DrawBender with FontFX.

We will send a £25 voucher to the purchaser who thinks of the best new name for it!

Equasor

$$m = \sum_{n=1}^{1/2} \left| \frac{AAA}{\sqrt{b-C}-e+d} \right|^{\frac{|2+m^{i+1}|}{k-1}} A + n$$

Order now if you want to be one of the first to use this equation building application, with its own mathematical, Greek and other symbols.

Wordpower

Still the best for the Electron, Master and BBC.

"I have yet to find a word-processor that gets close to it for usability and quality of output," said BEEBUG magazine this September.

Schema in stock!

RISC User decided that this spreadsheet "has to be the first, if not the only choice". We now have the full (very stylish) package in stock, complete with manual.

Squirrel

You would be nuts not to order this new database from Digital Services at our special offer price of £109! Delivery will be in January.

BASIC Editor and Toolkit **BET**

BBC, Master and Electron users will find BET makes the creation and editing of BASIC programs a real pleasure and encourages the development of a good programming style (Archimedes owners will envy its facilities). Full details on request.

Citizen Swift 24

For a limited period we are offering the colour version of this printer for only £270!

MisMatch

A delightful new version of the Pelmanism memory game for all age groups. Excellent graphics and (controllable) sound. An ideal introduction to the Archimedes for five-year-olds. Grown-ups will find it addictive but good for the mind!

PipeDrivers

If your dot matrix printer has more features than Pipe-Dream knows what to do with, you need Pipe-Driver Dot 1. It provides access to resident and download fonts, ink colours, variable print size and line spacing etc.

Like our **First Fonts** for 1st Word Plus and **Power Fonts** for Wordpower, PipeDrivers can make foreign language and scientific word-processing a pleasure. And our 24-pin and LC-10 typefaces will brighten your output at full printer speed.

Arckey

With more applications on the market a function key strip organiser is indispensable. Arckey users do it without glue! Suitable for BBC and Master too.

Poster

Use it on its own or with any DTP program to produce endless special effects at any size. Our price includes a site licence, a range of clip art and borders, and 20 fonts which can also be used with other programs.

TWO

TASK AND WINDOW ORGANISER

Group a number of tasks together and start them up with one double-click on the mouse. Applications can be run, files loaded, directories opened, and star commands executed.

Up to 42 task groups may be defined very easily and listed on the screen when the computer starts up. A great help when inexperienced users need access to the system, and a welcome time-saver for old hats.

TWO will instantly re-arrange windows in rotating stacks, piles or a space of their own. No more hunting for the missing one! TWO will also save configuration settings, set Copy and Wipe options, or blank the screen after a specified period of inactivity.

New from Ian Copestake Software   £19 + VAT   Sites £60

At last there is a high-quality range of hard disc upgrades at affordable prices. The *ideA* range from ICS.

For those who haven't heard, the *ideA* is a brand new hard disc interface for Archimedes and A3000 computers. 'IDE' stands for Integrated Drive Electronics. As the name suggests IDE hard discs have sophisticated electronics built into them, allowing the computer interface to be simpler, cheaper and more reliable. Transfer and access speeds can also be enhanced.

Most IDE discs are auto-parking, and some have the ability to switch themselves off to save power during periods of inactivity.

Now for the first time we can offer Archimedes users products previously available only in the PC world.

Although the *ideA* is new, you can use it just like the familiar ADFS. All properly written software will work as usual and there is no conflict of *ideAs* with existing ADFS or SCSI drives. PC partitioning is fully supported.

Fitting a hard disc in an A300/400 series computer is straightforward and clear instructions are provided. All discs supplied by us are tested and formatted. The complete upgrade kit includes a disc cradle and fan, and is called for example **IDEARCIN40**. The 40 at the end indicates the hard disc capacity: our Price List shows the sizes currently available (others will be added very soon).

A backplane is not needed on the A310 unless you wish to connect other podules. In that case you must use a high-quality four-layer backplane such as the one we offer.

One of the most exciting products in the *ideA* range is a fully internal hard disc upgrade for the BBC A3000. Ideal for schools or any location where space is restricted or security and portability are important. The **IDEA3IN20** uses one of the latest 2½" 20 megabyte low-power discs. We cannot be sure yet whether larger capacities will become available for internal fitting.

Installing the A3000 upgrade is quite easy, but it could be dangerous for inexperienced users to open the computer. So our price for this particular product includes collection and fitting at our service centre. (Please make sure we have your daytime and evening telephone numbers so we can arrange this). Deduct £10 if you do not require the A3000 fitting service.

Ian Copestake Software will be producing a range of other accessories for the A3000. First to arrive is **IC PLINTH**, a steel monitor stand to which you can later add **IC HOUSE**, our hard and floppy disc drive housing (ready very soon). The Plinth can take a variety of 14" monitors yet occupies less than 18" from front to back when in use. It has anti-slip feet and may be fixed to a desk. Assembly is easy. There is full access to the mains switch and floppy disc drive, while the reset switch is accessible but guarded.

The *ideA* hard disc controller is also available on its own for those who are confident of choosing a suitable IDE hard disc themselves. The product reference is **IDEARC**. We must point out that we can only accept responsibility for the performance of the *ideA* interface with discs we have tested.

INTRODUCTORY PRICES
(guaranteed until 31st December)

IC HOUSE			T.B.A.
IC PLINTH			£21
IDEA3IN20	23ms	incl fitting	£499
IDEARC			£110
IDEARCIN40	28ms		£349
IDEARCIN80	19ms		£499
IDEARCIN135	28ms		£699
IDEARCIN200	15ms		£899
IFEL 4-slot 4-layer Backplane			£57

Ask about our special evaluation offer for LEAs and Acorn dealers

051-648 6287

Ian Copestake Software

ARC8, 10 Frost drive, WIRRAL, Merseyside, England, L61 4XL   Tel / Fax: 051-648 6287   Internat: + 44 51 648 6287

VAT UK customers please add 15% to the total price, except for zero-rated items which are marked V0.

Carriage Free in mainland UK if you pay on ordering.

Overseas Add £6 (Europe) or £12 (elsewhere) for each software item, and pay by credit card or pounds sterling bank draft payable in England (add £10 + 1% of total price if you can only pay in your own currency).

Credit cards are welcome. The name and address for delivery of goods must be as known to the credit card company. If you are leaving an order on our answering machine, include your telephone number (home will do), the expiry date of your card, and your calculation of the total payment due.

Official orders welcome. Payment due in 14 days. Invoices subject to carriage and late payment charges.

Site licences Please enquire if no price is shown.

All products, prices and specifications are offered in good faith and are subject to change without notice. Your order will receive our attention immediately, but suppliers sometimes keep us waiting. Goods are guaranteed but we do not supply them on approval.

BBC / MASTER / ELECTRON SOFTWARE

BET Basic Editor and Toolkit		
· rom module	ICS	£19
– rom in cartridge	ICS	£25
Powerfont NTQ	ICS	£13
Power Fonts	ICS	
– see separate panel		
Spellmaster rom	CC	£52
Wordpower	ICS	£36
· site licence (extra)		£100
· extra rom		£7
– extra manual		V0 £7

ARCHIMEDES SOFTWARE

If it's not on the list, ask for a quote. We always try to match the best prices.

Accounts	Min	£243
Alpha-Base	Cla	£38
Archway	Sim	£74
ARC PCB	Sil	£139
· Professional	Sil	£277
Armadeus	Cla	£61
Artisan II	Cla	£44
Artisan Gallery	Cla	£16
Atelier	Min	£67
Autosketch CAD	Aut	£69
Basic Compiler	Dab	£75
Buffer Module	Cla	£20
Craftshop 1	4ma	£29
· network version		£34
Craftshop 2	4ma	£29
· network version		£34
DataVision	Sil	£113
Designer Intro	Tec	£75
Desktop Enhancer	Mit	£26
Desktop Office	Min	£97
Desktop Publisher	Aco	£110
Disc Tree	Mit	£37
DFS Reader	Bee	£9
DrawBender	ICS	£10
– DrawBender + Fonts		£12
– site licence		£50
Easiword	Min	£31
Equasor	CC	£49
Euclid II	Ace	£52
Film-Maker	Sil	£75
Financial Accountant	Sil	£205
First Fonts	ICS	
· see separate panel		
FloxiFile	Min	£113
Flying Start II	Mit	£86
FontFX	Dat	£9
– site licence (total)		£60
Font Pack	Aco	
– Newhall		£41
– Starter		£41
– Symbol		£41
Font Pack	Bee	
– 1 (already included with Ovation): Paladin, Swiss B, Symbol B, Vogue		£43
· 2: Bookman, Chancery, Courier, Garamond		£POA
– 3: Dingbats, New Century Schoolbook, Optima, Times		£POA
Font Pack	CC	
– Avant Garde		£29
· Bookman		£29
· Pembroke		£29
Fourier Analysis	Arm	£60
Gammaplot	Min	£52
Gate Array Design/Teaching	Sil	£113
Genesis	Sof	£74
– education price		£65
GerberPlot	Sil	£92
Graphic Writer	Cla	£23
HardBack	Cir	£25
Hard Disc Companion	Bee	£35
Hearsay	Bee	£51
Hotlink Presenter	Lin	£43
Impression Junior	CC	£74
Impression 2	CC	£135
Inspiration	Pand	£POA
Interchart Rom	CC	£25
Interdictor	Cla	£30
Intersheet Rom	CC	£39
Interword Rom	CC	£39
Investigator	Ser	£22
ISO C Devt System	Bee	£77
Jiglot	4ma	£26
Jigsaw	4ma	£28
Knowledge Organiser	Cla	£47
LC-10 Colour driver	Ace	£13
Logo	Lon	£55
MisMatch	ICS	£10
Multi S	Arx	£27
Multistore	Min	£197
– site licence (total, 30 computers)		
Numerator	Lon	£69
Office Tools	Sil	£278
Ovation	Bee	£79
Ovation Demo (refundable on purchase)	Bee	£5
Payroll	Min	£129
Pendown (full release version)	Lon	£49
Personal Accounts (vrsn 2)	Apr	£23
PipeDream 3	Col	£112
PipeDrivers	ICS	
– see separate panel		
Poster	4ma	£79
Power Fonts	ICS	
· see separate panel		
Premier	Cir	£71
– DataBase	Cir	£25
– WordProc	Cir	£25
Presentation System	Sil	£61
Presenter Story	Lin	£149
Presenter II	Lin	£36
Pro Artisan	Cla	£74
Professional PDT CAD	Oak	£363
Protext	Arn	£117
Realtime Solids Modeller	Sil	£139
Render Bender	Cla	£58
Rhapsody	Cla	£35
RiscBASIC Compiler	Sil	£113
RiscForth Compiler	Sil	£113
RISC OS Companion Vol 1	Sof	£49
RoboLogo	Sil	£75
Schema	Cla	£96
School Administrator	Min	£69
Score PMS	Emr	£499
ShareHolder	Sil	£139
Sigma Sheet	Min	£53
Snippet	4ma	£26
SolidCAD	Sil	£113
SolidsRender	Sil	£113
SolidTools	Sil	£279
Squirrel (delivery January)	Dig	£109
– Econet version		£459

KEY TO MAKERS

		Crt	Citizen	Mit	Mitre
		Cla	Clares	Min	Minerva
Ace	Ace	Col	Colton	Oak	Oak
Aco	Acorn	CW	Computerware	Pana	Panasonic
Ale	Aleph One	Dab	Dabs	Pand	Pandora
Apr	Apricote	Dat	Data Store	Ser	Serial Port
Arm	Armadillo	Dig	Digital Services	Sha	Sharp
Arn	Arnor	Emr	EMR	Sil	Silicon Vision
Arx	Arxe	Eps	Epson	Sim	Simtron
Aut	Autodesk	ICS	Ian Copestake	Sof	Software Solutions
Bee	Beebug	Ife	IFEL	Sta	Star
Cal	Calligraph	Irl	Irlam	Tax	Taxan
Can	Canon	Kad	Kador	Tec	TechSoft
CC	Computer Concepts	Lin	Lingenuity	4ma	4Mation
Cir	Circle	Lon	Longman Logotron		

– site licence		£475
Studio 24 Plus	Emr	£POA
Super-Dump	Sil	£25
Super-Plot	Sil	£32
System Delta Plus II	Min	£54
Tempest	Cla	£97
Timewatch	Mit	£26
Toolkit Plus	Cla	£37
TWO (Task and Window Organiser)	ICS	£19
· site licence		£60
Utility Disc 1	Dat	£13
View	Aco	£47
ViewSheet	Aco	£47
ViewSpell	Aco	£34
ViewStore	Aco	£52
Wordpower Arc	ICS	£36
· site licence (extra)		£100
1st Word Plus	Aco	£64

FACSIMILE MACHINE

FO-2100 (full-feature, Mercury-compatible)	Sha	£799
– 12-month warranty		£59

PRINTERS

ArcLaser	Cal	£904
Bubble Jet BJ 10e	Can	£277
· Sheet feeder		£54
Bubble Jet BJ-130E	Can	£479
GQ-5000 (12-month on-site maintenance)	Eps	£879
KX-P1124	Pana	£226
· 32k ram for above		£20
KX P1624	Pana	£369
KX-P4420 8ppm	Pana	£792
KX-P4450i	Pana	£1275
– 1Mbyte upgrade		£299
Laser Direct	CC	£856
Laser Direct LBP4 Card	CC	£350
Laser Direct LBP8 600 dpi including toner	CC	£1287
LC24-10 32k ram card	Sta	£61
Swift 24 Colour	Cit	£270
Archimedes parallel printer cable		£8

MONITOR

Multivision 795	Tax	£492

SCANNERS

i-Scan	Irl	£587
Scan Light A4	CC	£379
· Sheet feeder		£POA
Scan-Light Junior	CC	£178
· A3000 version		£175

UPGRADES

A3000 2Mb	Ato	£68
A3000 2Mb	Ife	£68
A3000 4Mb	Ife	£243
A310 2Mb	Ato	£345
A310 4Mb	Ato	£499
8Mb A400/1 / A440 / R140	Ato	£699
ARM3	Ale	£400

FUNCTION KEY STRIP ORGANISER

Arckey	ICS	V0 £3
– quantity of 4		V0 £10

KEYBOARD COVERS

Seal 'n Type (spill-proof)		
– Archimedes	Kad	£14
· A3000	Kad	£14

HARD DISC UPGRADES AND ACCESSORIES

A number at the end of a product name is the capacity in megabytes. 'Upgrades' include the hard disc and *ideA* controller as well as a fan and other items where needed. A backplane is optional on the A310, but if you do use one it must be a four-layer type.

A300/400 series internal upgrade

IDEARCIN40	28ms	£349
IDEARCIN80	19ms	£499
IDEARCIN135	28ms	£699
IDEARCIN200	15ms	£899

A300/400 series external upgrade

IDEARCEX40	28ms	£POA
IDEARCEX80	19ms	£POA
IDEARCEX135	28ms	£POA
IDEARCEX200	15ms	£POA

A3000 internal upgrade including collection and fitting

IDEA3IN20	23ms	£499

A3000 external upgrade
Ready soon

A3000 accessories

IC HOUSE	£POA
IC PLINTH	£21

ideA accessories
4-slot 4-layer Backplane (see above note)   Ife £57

ideA controller card
(We can only accept responsibility for performance with hard discs we have tested ourselves)

IDEARC	£110

ICS FONTS

1st Word Plus **First Fonts**
PipeDream **PipeDrivers**
Wordpower **Power Fonts**

Please tell us which of the above you need and specify your printer make and model. A more detailed list of fonts is available.

Site licence   £50
For multiple use of First Fonts or PipeDrivers. (Power Fonts are covered by a Wordpower site licence).

Symbol sets
e.g. Chemistry, Czech, ICS1 (Forms Design), ICS2 (IBM characters), Latin 1 (includes French, German, Italian, Spanish), Latin 2, Latin 3 (includes Esperanto), Latin 4, Mathematics & Physics, Russian

– for dot matrix	£19
– for laser	£29

24-pin & HP laser typefaces
Bodmin, Neston, Old English, Personal, Royden, Shadow and Initials, Universal 8pt, Universal 10pt, Universal 12pt, Weimar Fraktur

· 24-pin: any 3 faces	£29
– laser: any 3 weights	£29

Star LC-10 typefaces
Black, Caldy, Outline, Pensby, Raby, Shadow, Universal

– any 4	£19
– all 7	£29

PipeDriver Dot 1	£10

Powerfont NTQ	£13

Provides near letter quality on ordinary 9-pin printers. Required for some Power Fonts.

Z88

Z88 Computer – £230
128k ram pack – £49
128k eprom pack – £49
Eprom eraser – £39

Archimedes link – £35
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(These special discounts also apply if you buy an A540, an A3000 or a Learning Curve Pack.)

Bulletin Board Password

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Charity Sale

Interdictor 1 – £8; StarTrader – £6; System Delta Accounts packages (sales, purchase, nominal + order processing) full documentation £80.